



A Leading Global Manufacturer
of Electronic Instruments and
Electromechanical Devices

The Markets We Serve The Products We Make

- ◆ Aerospace and Defense
- ◆ Analytical and Test Instruments
- ◆ Food, Medical, Pharmaceutical,
Sanitary, and Semiconductor
- ◆ Industrial Products and Materials
- ◆ Motors and Air-Moving Products
- ◆ OEM Products, Heavy Vehicle, and Mass Transit
- ◆ Process Instruments
- ◆ Power Generation, Transmission
and Distribution, and Nuclear

AMETEK At A Glance

(see page 13 for full contact information)

AMETEK ADVANCED MEASUREMENT TECHNOLOGY

ORTEC – www.ortec-online.com
PRINCETON APPLIED RESEARCH – www.princetonappliedresearch.com
SIGNAL RECOVERY – www.signalrecovery.com
SOLARTRON ANALYTICAL – www.solartronanalytical.com

AMETEK AEROSPACE & DEFENSE

HEADQUARTERS – www.ametekaerodefense.com
ADVANCED INDUSTRIES – www.advancedindustries.com
AIRCONTROL TECHNOLOGIES – www.ametekaerodefense.com
AIRSCREW – www.ametekaerodefense.com
AMERON AGPS/MASS SYSTEMS – www.ameronglobal.com
HUGHES-TREITLER – www.ametekaerodefense.com
MUIRHEAD AEROSPACE – www.muirheadaerodefense.com
POWER & DATA SYSTEMS – www.ametekaerodefense.com
ROTRON MIL-AERO – www.ametekaerodefense.com
SENSORS & FLUID MANAGEMENT SYSTEMS – www.ametekaerodefense.com
TRAXSYS INPUT PRODUCTS – www.traxsys.com
MAINTENANCE, REPAIR, OVERHAUL (MRO)
AEM - www.aem.co.uk
AEROMEDIC - www.aeromedicgroup.com
AMERON GLOBAL PRODUCT SUPPORT - www.ameronglobal.com
ANTAVIA - www.antavia.fr
B&S AIRCRAFT PARTS & ACCESSORIES - www.bsaircraft.com
DRAKE AIR - www.drakeair.com
HIGH STANDARD AVIATION - www.highstandardaviation.com
MUIRHEAD AVIONICS - www.muirheadavionics.com
SOUTHERN AEROPARTS - www.southernaeroparts.com

AMETEK CHEMICAL PRODUCTS

AMETEK FLUOROPOLYMER PRODUCTS – www.ametekfpp.com
WESTCHESTER PLASTICS – www.ametek-westchesterplas.com

AMETEK ENGINEERED MATERIALS, INTERCONNECTS & PACKAGING

HCC AEGIS – www.hccaegis.com
HCC GENERAL CERAMICS – www.generalceramics.com
HCC GLASSEAL PRODUCTS – www.glasseal.com
HAMILTON PRECISION METALS – www.hpmetals.com
HCC INDUSTRIES – www.hccindustries.com
HCC HERMETIC SEAL – www.hccindustries.com
READING ALLOYS – www.reading-alloys.com
SCP, Inc. – www.ametekscp.com
HCC SEALTRON – www.sealtron.com
SPECIALTY METAL PRODUCTS – www.ametekmetals.com
TECHNICAL SERVICES FOR ELECTRONICS (TSE) – www.tseinc.net

AMETEK FLOORCARE & SPECIALTY MOTORS

FLOORCARE AND SPECIALTY MOTORS – www.ametekfsm.com
ITALIA S.r.l. (Ciaramella) – www.ametekfsm.com
ITALIA S.r.l. (Vacuum Products) – www.ametekfsm.com
AMETEK do Brasil Ltda – www.ametek.com.br

AMETEK INSTRUMENTATION & SPECIALTY CONTROLS

NATIONAL CONTROLS CORPORATION (NCC) – www.nationalcontrols.com
VEHICULAR INSTRUMENTATION SYSTEMS (VIS) – www.ametekvis.com

AMETEK MATERIALS ANALYSIS

www.materialsanalysis.com

CAMECA – www.cameca.com
EDAX – www.edax.com
SPECTRO ANALYTICAL INSTRUMENTS – www.spectro.com
VISION RESEARCH – www.visionresearch.com

AMETEK MEASUREMENT & CALIBRATION TECHNOLOGIES

ATLAS MATERIAL TESTING TECHNOLOGY – www.atlas-mts.com
SENSOR TECHNOLOGIES
AUTOMATION & PROCESS TECHNOLOGIES – www.ametekapt.com
DREXELBROOK – www.drexelbrook.com
HUNTER SPRING PRODUCTS – www.ametekhunterspring.com
PMT PRODUCTS – www.ametekpmt.com
U.S. GAUGE – www.ametekusg.com

TEST & CALIBRATION INSTRUMENTS

AMETEK DENMARK A/S (JOFRA Instruments and FP Temperature Sensors) – www.ametekcalibration.com
AMETEK CALIBRATION INSTRUMENTS – www.ametekcalibration.com
CHATILLON FORCE MEASUREMENT PRODUCTS – www.chatillon.com
CHATILLON WEIGHING SCALES – www.chatillon.com
LLOYD INSTRUMENTS – www.lloyd-instruments.com
NEWAGE TESTING INSTRUMENTS – www.hardnesstesters.com

AMETEK POWER SYSTEMS & INSTRUMENTS

AMETEK SWITCH – www.ametekswitch.com
GULTON STATHAM PRODUCTS – www.ametekpower.com
PANALARM – www.ametekpower.com
POWER INSTRUMENTS – www.ametekpower.com
PRESTOLITE POWER – www.prestolitepower.com
PROGRAMMABLE POWER – www.programmablepower.com
PULSAR PRODUCTS – www.ametekpower.com
ROCHESTER INSTRUMENT SYSTEMS, SCIENTIFIC COLUMBUS – www.ametekpower.com
SOLIDSTATE CONTROLS – www.solidstatecontrolsinc.com

AMETEK PRECISION MOTION CONTROL

HAYDON KERK – www.haydonkerk.com
TECHNICAL & INDUSTRIAL PRODUCTS – www.ametektip.com

AMETEK PROCESS & ANALYTICAL INSTRUMENTS

CHANDLER ENGINEERING (Drilling & Completion Products) – www.chandlerengineering.com
GRABNER INSTRUMENTS – www.grabner-instruments.com
LAND INSTRUMENTS – www.ametek-land.com
PETROLAB COMPANY – www.petrolab.com
PROCESS INSTRUMENTS – www.ametekpi.com
SOLARTRON ISA – www.solartronisa.com

AMETEK ULTRA PRECISION TECHNOLOGIES

PRECITECH – www.precitech.com
SOLARTRON METROLOGY – www.solartronmetrology.com
TAYLOR HOBSON – www.taylor-hobson.com

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◆ AEROSPACE AND DEFENSE ◆

Actuators

Muirhead Aerospace electromechanical actuators for primary, secondary and ancillary air, ground and sea applications

Air Data Systems

Air data systems, including multi-function total air probes, angle of attack sensors, total temperature probes and air data electronics

Avionics and Black Boxes

Cockpit instruments, data acquisition units, engine interface units, bus protocol converters, RVSM altimeters, engine monitoring systems, trackballs

Brushed & Brushless DC Motors, Blowers, Actuators

Sub-fractional to 12 HP DC Brushed and Brushless motors, linear and rotary actuators, flap actuator motors, trim actuators, hydraulic pump motors, compressor motors, hydraulic power packs, fans and blowers, 300 HP Hybrid Vehicle Drive

Engine and APU Lube Systems

Temperature sensors, pressure transducers, electrical harnesses, switches, LVDT position transducers, oil level sensors, reservoirs and tanks

Engine Sensor Suites

Temperature sensors, pressure transducers, speed sensors, fuel flow transmitters, engine harnesses, switches, piezoelectric accelerometers, LVDT position transducers, oil level sensors, multi-function sensors, reservoirs and tanks, filters, permanent magnet alternators, pick-offs, resolvers

Environmental Control Systems

Aircontrol Technologies liquid suit temperature control systems, environmental control systems (air conditioning and CBRN filtration) for military vehicles, liquid temperature control systems, including military vehicle engine cooling and rail traction equipment cooling, CBRN filtration systems, including both regenerative and charcoal, temperature sensors, pressure transducers, electrical harnesses, switches and humidity sensors

Fans / Motors / Heaters

ROTRON AC and DC brushless, mixed flow, tubeaxial and vaneaxial fans, high-pressure blowers, AC and DC brushless motors and drive systems, build-to-print and custom subassemblies, electronic and fault sensing devices, electric heaters, switches, sensors

Fuel Systems

Complete fuel systems including industry-leading active capacitance fuel gauging systems, pumps, valves, pressure transducers, temperature sensors, flow meters, fuel system controllers and accessories

Heat Exchangers

Hughes-Treitler heat exchangers, coldplates, condensers, evaporators, and other heat transfer products

Hydraulic Systems

Temperature sensors, pressure transducers, system harnesses, pressure switches, level sensors, level switches, signal conditioners and controls, hydraulic filters, reservoirs

Inerting Systems

Temperature sensors, pressure sensors, oxygen sensors, electronic controllers, electrical harnesses

Launch Vehicles and Satellites

Pressure transducers and acoustic sensors

Potable Water / Waste Systems

Temperature sensors, pressure transducers, system harnesses, switches, level sensors, signal conditioners and controls, tanks

Power Generation and Distribution

AMPHION power distribution units, starter generators, generator control units, primary and secondary power distribution, solid state power controllers and relays, remote control circuit breakers, arc fault protection, brushless motors, pump motors, actuators

Precision Motors

Muirhead Aerospace AC, DC brushed and brushless motors, torque motors, limited angle torque motors, variable reluctance motors, stepper motors, servo motors, gearboxes, and drive systems, build-to-print and custom subassemblies

Sensors

Muirhead Aerospace analog RVDT's, synchros, resolvers, variable reluctance resolvers, digital optical encoders, absolute and incremental

AMETEK Aerospace & Defense – www.ametekaerodefense.com

Maintenance, Repair, Overhaul (MRO)

24-hour worldwide Aircraft On Ground and MRO provider with authorized global service centers. Capabilities include ducting, electromechanical, electrical, fire suppression systems/components, fuel systems, heat transfer, hydraulics, oxygen systems/components, pneumatics, starter/generators, and safety equipment. Platforms include business jets, regional aircraft, commercial transport, helicopters, military aircraft/land vehicles and ocean vessels

AMETEK MRO – www.ametekmro.com

(See page 14 for additional capabilities/services for each MRO business)

AC / DC Programmable Power Supplies

Rackmount and benchtop programmable DC power supplies, AC power sources, frequency converters, current sources, AC/DC loads, CE compliance test systems, modular AC/DC power systems and powerful programming software

AMETEK Programmable Power – www.programmablepower.com

Battery Chargers - Motive Power

Industrial battery chargers for Airport Ground Support Equipment (GSE) and material handling equipment; station battery chargers, battery monitor/total system monitor

AMETEK Prestolite Power – www.prestolitepower.com

Cable Assemblies and Sub-Sea Interconnects

Cable assemblies, splice blocks, penetrators, Gigabit Ethernet and glass-sealed Fiber-Optic feed thru's.

AMETEK SCP, Inc. – www.ametekscp.com

Cathodic Protection Rectifiers

Automatic rectifiers for military corrosion control applications; automatic cathodic protection rectifiers, satellite communications

Containerized Off Grid Solar Power Stations

Military grade photo-voltaic containerized power systems; containerized power systems, batteries, inverters

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com

Fire Suppression and Components

Pressurized gas systems, fire extinguishers, and pneumatic stored energy systems for gear blow down, door actuation, missile guidance and seeker cooling tanks, and associated sub components. Electronic and mechanical temperature compensated pressure switches, direct reading pressure gauges, switch gauges, pressure relief devices, and pyrotechnic cartridges

AMETEK AMERON Mass Systems – www.ameronglobal.com



Fuel and Oil Analysis Equipment

Petroleum testing instruments for the analysis of diesel, gasoline, biofuels, and lubricants. Mobile fuel analysis labs. Properties measured include vapor pressure, flash point, viscosity, composition, octane, cetane, distillation properties, color, biofuel content, sulfur content, water content, cold flow behavior

*AMETEK Grabner Instruments – www.grabner-instruments.com
AMETEK Petrolab Company – www.petrolab.com
AMETEK Process Instruments – www.ametekpi.com*

Fully Dense Metal Components

Bearings made from powdered metal for heavy-equipment applications, oil and gas well drilling, aerospace; custom bearings made from tube and stock bars

AMETEK Specialty Metal Products – www.ametekmetals.com

Hardness Testers

Gel cap hardness, Rockwell (regular and superficial scales), Brinell, Microhardness, Vickers (micro and macro), Knoop, Durometers, and IRHD

AMETEK Newage Testing Instruments – www.hardnesstesters.com

Hermetic Connectors

Hermetically sealed connectors, bulkheads, headers and feed thru's. PEEK interconnects

*AMETEK HCC Industries – www.hermeticseal.com
AMETEK HCC Industries – www.sealtron.com*

Hermetic Electronic Packaging

Hermetic glass-to-metal-sealed and high temperature co-fired ceramic (HTCC) micro and opto electronic packaging

*AMETEK HCC Industries – www.hccaegis.com
AMETEK HCC Industries – www.glasseal.com
AMETEK HCC Industries – www.generalceramics.com*

High-Speed Imaging

High-speed digital imaging systems used in applications including defense, automotive, engineering, science, medical research, industrial manufacturing and packaging, sports and entertainment, and digital cinematography for television and movie production

AMETEK Vision Research - www.visionresearch.com

Homeland Security

Portable nuclide identifiers, advanced high-purity germanium portal monitors, mobile spectroscopic search systems, chemical weapons analysis systems, systems for support of comprehensive test ban treaties, and nuclear safeguards

AMETEK ORTEC – www.ortec-online.com

Hydraulics and Pneumatics

Linear displacement transducers, pressure gauges and transducers

*AMETEK Automation & Process Technologies – www.ametekapt.com
AMETEK U.S. GAUGE – www.ametekusg.com*

Linear Actuators, Lead screw Assemblies and Linear Rails

Lead screws and nuts, stepper motor linear actuators, programmable linear actuators, linear rails, guides and splines and sealed switches

AMETEK Haydon Kerk – www.haydonkerk.com

Materials Analysis

www.ametekmaterialsanalysis.com

Secondary Ion Mass Spectrometer (SIMS), Electron Probe Microanalysis (EPMA), Low-energy Electron induced X-ray Emission Spectrometry (LEXES), and Tomographic Atom Probe (TAP)

AMETEK CAMECA – www.cameca.com

Energy Dispersive Spectrometry (EDS), Electron Backscatter Diffraction (EBSD), Wavelength Dispersive Spectrometry (WDS), and Micro X-ray Fluorescence systems (Micro XRF)

AMETEK EDAX – www.edax.com

EIS spectrometers, frequency response analyzers, potentiostats, battery test equipment, servo control products

AMETEK Solartron Analytical – www.solartronanalytical.com

Elemental Analysis, XRF, ICP-OES and ICP-MS instruments, mobile, portable and stationary metal analyzers

AMETEK SPECTRO Analytical Instruments – www.spectro.com

Material Test Machines

Material test machines (up to 300kN, 674, 431bf) and data analysis software for tensile, compression, friction and flexural testing of materials, components and finished assemblies. Test accessories include extensometers, grips, load cells, thermal chambers and furnaces for elevated- and low-temperature testing

AMETEK LLOYD INSTRUMENTS – www.lloyd-instruments.com

Specialty Metal Alloys

Specialty titanium master alloys for turbine fan blades

AMETEK Reading Alloys – www.reading-alloys.com

Surface, Form, Roundness, Gauging and Alignment Products

For roughness, surface finish, 3D profiling, roundness, runout, cylindricity, flatness, squareness, parallelism, and straightness measurement; precision diamond turning and machining systems for optics, optical molds and precision mechanical components

*AMETEK Precitech – www.precitech.com
AMETEK Solartron Metrology – www.solartronmetrology.com
AMETEK Taylor Hobson – www.taylor-hobson.com*

Turbine Blade Temperature Monitoring

Non-contact thermometers, pyrometers, data loggers and software

AMETEK LAND, Inc. – www.ametek-land.com

Weathering and Environmental Testing

Laboratory weathering testing, photoaging testing, photovoltaic testing, corrosion, flammability and textile testing, solar simulation, high speed lighting, and outdoor exposure services

AMETEK Atlas Material Testing Technology – www.atlas-mts.com

◆ ANALYTICAL AND TEST INSTRUMENTS ◆

AC/DC Programmable Power Sources

Rackmount and benchtop programmable DC power supplies, DC electronics loads, AC power sources, frequency converters, current sources, AC/DC loads, CE compliance test systems, modular AC/DC power systems and powerful programming software

AMETEK Programmable Power – www.programmablepower.com

Electrochemistry

Potentiostats, multichannel potentiostats, galvanostats, surface science imaging, analysis software, accessories

*AMETEK Princeton Applied Research – www.princetonappliedresearch.com
AMETEK Solartron Analytical – www.solartronanalytical.com*

Design, Calibration, and Troubleshooting of High-Speed Equipment

High-speed digital imaging systems used in applications including defense, automotive, engineering, science, medical research, industrial manufacturing



and packaging, sports and entertainment, and digital cinematography for television and movie production

AMETEK Vision Research – www.visionresearch.com

Flue Gas Analyzers

THERMOX flue gas oxygen/combustibles/moisture, air/fuel mixture monitors, furnace atmosphere analyzers

AMETEK THERMOX – www.thermox.com

Hardness Testers

Rockwell (regular and superficial scales), Brinell, Microhardness, Vickers (micro and macro), Knoop, Durometers, and IRHD; penetrometers

AMETEK Newage Testing Instruments – www.hardnesstesters.com

AMETEK Petrolab Company – www.petrolab.com

Hermetic Connectors

Hermetically sealed connectors, bulkheads, headers and feed thru's. PEEK interconnects

AMETEK HCC Industries – www.hermeticseal.com

AMETEK HCC Industries – www.sealtron.com

Hermetic Electronic Packaging

Hermetic glass-to-metal-sealed and high temperature co-fired ceramic (HTCC) micro and opto electronic packaging

AMETEK HCC Industries – www.hccaegis.com

AMETEK HCC Industries – www.glasseal.com

AMETEK HCC Industries – www.generalceramics.com

Materials Analysis

www.ametekmaterialsanalysis.com

Secondary Ion Mass Spectrometer (SIMS), Electron Probe Microanalysis (EPMA), Low-energy Electron induced X-ray Emission Spectrometry (LEXES), and Tomographic Atom Probe (TAP)

AMETEK CAMECA – www.cameca.com

Energy Dispersive Spectrometry (EDS), Electron Backscatter Diffraction (EBSD), Wavelength Dispersive Spectrometry (WDS), and Micro X-ray Fluorescence systems (Micro XRF)

AMETEK EDAX – www.edax.com

EIS spectrometers, frequency response analyzers, potentiostats, battery test equipment, servo control products

AMETEK Solartron Analytical – www.solartronanalytical.com

Elemental Analysis, XRF, ICP-OES and ICP-MS instruments, mobile, portable and stationary metal analyzers

AMETEK SPECTRO Analytical Instruments – www.spectro.com

Nuclear Instruments

Germanium gamma-ray detectors, both LN₂ cooled and electrically cooled, ion-implanted silicon charged particle detectors, NIM-modular pulse processing electronics, multichannel analyzers, spectroscopy software, instruments and systems for Homeland Security, in-situ waste analysis, chemical weapons analysis, nuclear safeguards, and physics research

AMETEK ORTEC – www.ortec-online.com

Nuclear qualified displays and bargraphs

AMETEK Vehicular Instrumentation Systems – www.ametekvis.com

On-line Vapor Pressure Analyzers

AMETEK Grabner Instruments – www.grabner-instruments.com

AMETEK Petrolab Company – www.petrolab.com

Particle Image Velocimetry Analysis of Motion in Fluids and Gases

High-speed digital imaging systems used in applications including defense, automotive, engineering, science, medical research, industrial manufacturing and packaging, sports and entertainment, and digital cinematography for television and movie production

AMETEK Vision Research – www.visionresearch.com

Process Analyzers

Moisture analyzers, hydrocarbon dew point testers, on-line UV-NIR photometers and spectrophotometers, gas chromatographs, quadrupole mass spectrometers/residual gas analyzers, process mass spectrometers, gas gravimeters, liquid densitometers, and trace oxygen analyzers for natural gas, sulfur recovery, chemical production, oil refining, industrial gases, semiconductor manufacture, pharmaceutical manufacturing, pollution monitoring, on-line thermometers, infrared thermometers, thermal imagers, IR line scanners, coal-fire detection systems, turbine blade temperature monitoring

AMETEK DREXELBROOK – www.drexelbrook.com

AMETEK LAND, Inc. – www.ametek-land.com

AMETEK Process Instruments – www.ametekpi.com

Signal Analysis

Amplifiers, preamplifiers, signal averagers, lock-in amplifiers, digitizers, and analysis software

AMETEK Signal Recovery – www.signalrecovery.com

Surface, Form, Roundness, Gauging and Alignment Products

For roughness, surface finish, 3D profiling, roundness, runout, cylindricity, flatness, squareness, parallelism, and straightness measurement; precision diamond turning and machining systems for optics, optical molds and precision mechanical components

AMETEK Precitech – www.precitech.com

AMETEK Solartron Metrology – www.solartronmetrology.com

AMETEK Taylor Hobson – www.taylor-hobson.com

Temperature, Pressure and Signal Calibration

JOFRA dry-block calibrators, temperature/pressure/signal calibration instruments, calibration baths, marine calibrators, reference thermometers, comparators, M&G deadweight testers, pumps, reference gauges, FP temperature sensors, scanners and software

AMETEK Calibration Instruments – www.ametekcalibration.com

Testing and Calibration

Petroleum testing instruments for the analysis of diesel, gasoline, biofuels, and lubricants. Mobile fuel analysis labs. Properties measured include vapor pressure, flash point, viscosity, composition, octane, cetane, distillation properties, color, biofuel content, sulfur content, water content, cold flow behavior

AMETEK Grabner Instruments – www.grabner-instruments.com

AMETEK Petrolab Company – www.petrolab.com

Calibrators, comparators, deadweight testers, pressure/temperature calibrators, calibration baths, calibration sources, line scanners

AMETEK Denmark – www.ametekcalibration.com

AMETEK LAND, Inc. – www.ametek-land.com

AMETEK Calibration Instruments – www.ametekcalibration.com

Handheld mechanical and digital force and torque gauges, medical dynamometers, mechanical, motorized and digital force testers, and force measurement fixtures for tensile, compression, shear, flexural, COF and spring testing

AMETEK CHATILLON Force Measurement Products – www.chatillon.com

Materials testing machines and data analysis software for tensile, compression, flexural and friction testing of materials, components and finished products. Test accessories, including extensometers, grips, load cells, thermal chambers and furnaces. Also manufacturers of texture analyzers for food testing applications

AMETEK LLOYD INSTRUMENTS – www.lloyd-instruments.com



Elemental Analysis, XRF, ICP-OES and ICP-MS instruments, mobile, portable and stationary metal analyzers

AMETEK SPECTRO Analytical Instruments – www.spectro.com

Davenport polymer test instruments, including melt flow indexers, HDT/Vicat measurement systems for heat distortion temperature (HDT) and Vicat softening point of plastic materials, instruments for determining the intrinsic viscosity (IV) of PET, density gradient columns, and falling dart impact testers

AMETEK LLOYD INSTRUMENTS – www.lloyd-instruments.com

Precision pressure test gauges

AMETEK U.S. GAUGE – www.ametekusg.com

Weathering and Environmental Testing

Laboratory weathering testing, photoageing testing, photovoltaic testing, corrosion, flammability and textile testing, solar simulation, high speed lighting, and outdoor exposure services

AMETEK Atlas Material Testing Technology – www.atlas-mts.com

◆ FOOD, MEDICAL, PHARMACEUTICAL, SANITARY, AND SEMICONDUCTOR ◆

Blowers

WINDJAMMER and NAUTILAIR brushless DC electronically commutated blowers, ROTRON regenerative blowers for medical, food service, and pharmaceutical. Switch reluctance (SR) blowers

AMETEK Technical & Industrial Products – www.ametektip.com

AMETEK Floorcare & Specialty Motors – www.ametekfsm.com

Cable and Interconnect Assemblies

Custom designed and manufactured electronic cable assemblies, specialty wiring assemblies, precision interconnection systems for neuro-stimulation, patient monitoring, ultrasound, cardiac rhythm management and cardiac mapping

AMETEK Technical Services for Electronics (TSE) – www.tseinc.net

Controls and Controllers

Baghouse controllers, interface modules

AMETEK National Controls Corporation (NCC) – www.nationalcontrols.com

Pneumatic indicating controllers

AMETEK PMT Products – www.ametekpmt.com

Linear encoders, position measurement transducers, gauge probes

AMETEK Solartron Metrology – www.solartronmetrology.com

Brushless DC (electronically commutated) motor, pump, and blower controls, and DSP-based controls

AMETEK Technical & Industrial Products – www.ametektip.com

Flavor, Fragrance, and Food Instrumentation

Laboratory instruments for the measurement of flash point, color, viscosity, vapor pressure, penetration, and more

AMETEK Grabner Instruments – www.grabner-instruments.com

AMETEK Petrolab Company – www.petrolab.com

Food Instrumentation

Instruments for analysis of viscosity, density, breaking point, compositional analysis, color, texture and penetration; instruments for food processing and food equipment

AMETEK Grabner Instruments – www.grabner-instruments.com

AMETEK Petrolab Company – www.petrolab.com

Food Service Equipment

Cooking computers, timers, digital controls for fryers, grills, griddles, brewing and dispensing equipment

AMETEK National Controls Corporation (NCC) – www.nationalcontrols.com

NAUTILAIR brushless DC electronically commutated blowers

AMETEK Technical & Industrial Products – www.ametektip.com

Food Testing Equipment

Mechanical, motorized and digital testers used for determining the textural properties of food products

AMETEK CHATILLON Force Measurement Systems – www.chatillon.com

Dedicated food texture analyzers to evaluate the textural properties of foods at all stages of manufacture

AMETEK LLOYD INSTRUMENTS – www.lloyd-instruments.com

Hardness Testers

Gel Cap Hardness, Rockwell (regular and superficial scales), Brinell, Microhardness, Vickers (micro and macro), Knoop, Durometers, and IRHD.

AMETEK Newage Testing Instrument – www.hardnesstesters.com

Heat Exchangers / Tubing

Fluoropolymer shell and tube, immersion coils, bulk tubing

AMETEK Fluoropolymer Products – www.ametekfpp.com

Hermetic Connectors

Hermetically sealed connectors, bulkheads, headers and feed thru's. PEEK interconnects.

AMETEK HCC Industries – www.hermeticseal.com

AMETEK HCC Industries – www.sealtron.com

Hermetic Electronic Packaging

Hermetic glass-to-metal-sealed and high temperature co-fired ceramic (HTCC) micro and opto electronic packaging.

AMETEK HCC Industries – www.hccaegis.com

AMETEK HCC Industries – www.glasseal.com

AMETEK HCC Industries – www.generalceramics.com

Level Measurement

Tank gauging, continuous and point level measurement, and other level measurement products

AMETEK Automation & Process Technologies – www.ametekapt.com

AMETEK DREXELBROOK – www.drexelbrook.com

AMETEK PMT Products – www.ametekpmt.com

Linear Actuators, Lead screw Assemblies and Linear Rails

Lead screws and nuts, stepper motor linear actuators, programmable linear actuators, linear rails, guides and splines and sealed switches.

AMETEK Haydon Kerk – www.haydonkerk.com

Material Test Machines for Medical Devices, Pharmaceuticals and Packaging

Force measurement systems used to test the physical properties of medical devices and medical packaging

AMETEK CHATILLON Force Measurement Systems – www.chatillon.com

Materials testing systems and data analysis software for tensile, compression, friction and flexural testing of pharmaceuticals, medical devices and medical packaging, including syringe and needle sharpness tests, tablet crush tests, viscosity of gels and pastes, flexural tubing, package seal strength, etc. NEXYGEN^{Plus} material test and analysis software safeguards data integrity with security audit trails and user level management systems that help manufacturers meet FDA 21 CFR Part 11 compliance requirements

AMETEK LLOYD INSTRUMENTS – www.lloyd-instruments.com



Medical Devices and Implants

Customized metal foils in CP Grade 1 titanium for pacemakers, drug-infusion pumps, and electronic implant devices.

AMETEK Hamilton Precision Metals – www.hpmetals.com
AMETEK Reading Alloys – www.reading-alloys.com

Custom designed and manufactured electronic cable assemblies, specialty wiring assemblies, precision interconnection systems for neuro-stimulation, patient monitoring, ultrasound, cardiac rhythm management and cardiac mapping

AMETEK Technical Services for Electronics (TSE) – www.tseinc.net

Motors

Linear motors, brush motors, servo motors, pump motors, brushless DC motors with internal or external controlled designs for pumps, blowers and general motion applications, high-efficiency brushless DC micro motors, brushless DC servo motors, gearmotors, permanent magnet DC motors, slotted brushless DC servo motors, recognized brands include PITTMAN

AMETEK Technical & Industrial Products – www.ametektip.com
AMETEK Floorcare & Specialty Motors – www.ametekfsm.com

Pharmaceutical Process Analytical Technology

On-line UV-VIS analyzers for clean-in-place (CIP) chemical analysis, reaction monitoring, concentration analysis, process mass spectrometers for on-line control of solvent drying, solvent swapping, moisture content, blending, fermentation, and mammalian cell culture

AMETEK Process Instruments – www.ametekpi.com

Position Controls

Controls for packaging, dispensing, filling machinery, and hydraulic cylinders

AMETEK Automation & Process Technologies – www.ametekapt.com

Pressure and Temperature Measurement

Pressure gauges, thermometers, pressure transducers, transmitters for differential pressure, flow, liquid level

AMETEK PMT Products – www.ametekpmt.com
AMETEK Power Instruments – www.ametekpower.com
AMETEK U.S. GAUGE – www.ametekusg.com

Semiconductor and Ultrahigh-purity (UHP)

Ultrahigh-purity fluoropolymer tubing and heat exchangers

AMETEK Fluoropolymer Products – www.ametekfpp.com

Energy Dispersive Spectrometry (EDS), Electron Backscatter Diffraction (EBSD), and Wavelength Dispersive Spectrometry (WDS), Secondary Ion Mass Spectrometer (SIMS), Electron Probe Microanalysis (EPMA), Low-energy Electron induced X-ray Emission Spectrometry (LEXES), and Tomographic Atom Probe (TAP)

AMETEK CAMECA – www.cameca.com
AMETEK EDAX – www.edax.com

Trace moisture analyzers (ppmv, ppbv, <1.0 ppbv), residual gas analyzers/mass spectrometers, trace oxygen analyzers, gas chromatographs, gas purity analyzers

AMETEK Process Instruments – www.ametekpi.com

Ultrahigh-purity transmitters and transducers, gauges, switches

AMETEK PMT Products – www.ametekpmt.com

Elemental Analysis, XRF, ICP-OES and ICP-MS instruments, mobile, portable and stationary metal analyzers

AMETEK SPECTRO Analytical Instruments – www.spectro.com

Power burner blowers; ROTRON regenerative (side-channel) blowers for process with flows up to 1800 SCFM, pressures up to 10 PSIG, vacuums to 180 IWG

AMETEK Technical & Industrial Products – www.ametektip.com

Surface, Form, Roundness, Gauging and Alignment Products

For roughness, surface finish, 3D profiling, roundness, runout, cylindricity, flatness, squareness, parallelism, and straightness measurement; precision diamond turning and machining systems for optics, optical molds and precision mechanical components

AMETEK Precitech – www.precitech.com
AMETEK Solartron Metrology – www.solartronmetrology.com
AMETEK Taylor Hobson – www.taylor-hobson.com

Temperature, Pressure and Signal Calibration

JOFRA dry-block calibrators, temperature/pressure/signal calibration instruments, calibration baths, marine calibrators, reference thermometers, comparators, M&G deadweight testers, pumps, reference gauges, FP temperature sensors, scanners and software

AMETEK Calibration Instruments – www.ametekcalibration.com

Weathering and Environmental Testing

Laboratory weathering testing, photoaging testing, photovoltaic testing, corrosion, flammability and textile testing, solar simulation, high speed lighting, and outdoor exposure services.

AMETEK Atlas Material Testing Technology – www.atlas-mts.com

Weigh Scales

Mechanical weighing scales including Class III hanging scales, bulk weighing scales, crane scales, dynamometers, and warehouse scales

AMETEK CHATILLON Weighing Scales – www.chatillon.com

◆ INDUSTRIAL PRODUCTS AND MATERIALS ◆

AC / DC Programmable Power Sources

Rackmount and benchtop programmable DC power supplies, DC electronic loads, AC power sources, frequency converters, current sources, AC/DC loads, CE compliance test systems, modular AC/DC power systems and powerful programming software

AMETEK Programmable Power – www.programmablepower.com

Battery Chargers - Motive Power

Industrial battery chargers for fork lift trucks and material handling equipment; station battery chargers, battery monitor/total system monitor

AMETEK Prestolite Power – www.prestolitepower.com

Battery Chargers - Standby Power

Industrial battery chargers for emergency backup transportation applications; industrial battery digital chargers, battery monitor/total system monitor

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com

Blowers

NAUTILAIR variable speed combustion premix blowers; ROTRON regenerative (side-channel) blowers for process, industrial, environmental, wastewater, and instrumentation applications with flows up to 1800 SCFM, pressures up to 10 PSIG, vacuums to 180 IWG, NAUTILAIR blowers

AMETEK Technical & Industrial Products – www.ametektip.com

Cable Assemblies and Sub-Sea Interconnects

Cable assemblies, splice blocks, penetrators, Gigabit Ethernet and glass-sealed Fiber-Optic feed thru's.

AMETEK SCP, Inc. – www.ametekscp.com

Cathodic Protection Rectifiers

Automatic rectifiers for corrosion control applications; automatic cathodic protection rectifiers, satellite communications

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com



Contactors and Solenoids

Battery disconnect switches, contactors, solenoids, switchgear components

AMETEK Switch – www.ametekswitch.com

Controls

Time delay relays, cube timers, temperature indicators and controls, solid state relays, liquid level controls, voltage monitors, dust collector controls, custom machine and process controls

AMETEK National Controls Corporation (NCC) – www.nationalcontrols.com

SCR and HDR power controllers, power controller systems

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com, www.hdrpower.com

Displays

PANALARM and Rochester Instrument Systems alarms, annunciators, alarm systems and event recorders

AMETEK Power Instruments – www.ametekpower.com

Drive Motors

Brushless DC, permanent magnet, shaded pole, series universal, wound field DC motors

AMETEK Floorcare & Specialty Motors – www.ametekfsm.com

AMETEK Technical & Industrial Products – www.ametektip.com

Elemental Analysis

XRF and Inductively Coupled Plasma (ICP) spectrometers, portable and stationary metal analyzers; Secondary Ion Mass Spectrometer (SIMS), Electron Probe Microanalysis (EPMA) and Tomographic Atom Probe (TAP); Energy Dispersive Spectrometry (EDS)

AMETEK CAMECA – www.cameca.com

Energy Dispersive Spectrometry (EDS), Electron Backscatter Diffraction (EBSD), Wavelength Dispersive Spectrometry (WDS), and Micro X-ray Fluorescence systems (Micro XRF)

AMETEK EDAX – www.edax.com

Elemental Analysis, XRF, ICP-OES and ICP-MS instruments, mobile, portable and stationary metal analyzers

AMETEK SPECTRO Analytical Instruments – www.spectro.com

Engineered Shaped Products

Fully dense products from bulk rod and bar to fully machine-finished shapes in a range of densified alloys

Powdered and Clad Metals

Nickel and cobalt alloy powders; roll-bonded dissimilar metals used for sterilizers; electromechanical vessels, cookware, and flue gas desulfurization; stainless steel powders and custom atomized powders

Specialty Metal Strip

Metal strip products via wrought powder metallurgy technology in nickel, nickel-iron, nickel-iron-cobalt, high-purity iron, cobalt-based, spinodal copper and titanium alloys

Specialty Metal Wire

Standard and custom shaped wire products and electronic wire connections comprised of aluminum, brass, copper, stainless steel alloys; in-house tooling

Thermal Management Products

Metal matrix composites in molybdenum copper, tungsten copper, silicon carbide aluminum, and copper clad molybdenum copper for electronic thermal management

AMETEK Specialty Metal Products – www.ametekmetals.com

Force Measurement Testers

Handheld mechanical and digital force gauges and mechanical, motorized and digital force testers

AMETEK CHATILLON Force Measurement Systems – www.chatillon.com

Hardness Testers

Rockwell (regular and superficial scales), Brinell, Microhardness, Vickers (micro and macro), Knoop, Durometers, and IRHD.

AMETEK Newage Testing Instruments – www.hardnesstesters.com

Heat Exchangers / Tubing

Fluoropolymer shell and tube, immersion coils, bulk tubing

AMETEK Fluoropolymer Products – www.ametekfpp.com

Hermetic Connectors

Hermetically sealed connectors, bulkheads, headers and feed thru's. PEEK interconnects.

AMETEK HCC Industries – www.hermeticseal.com

AMETEK HCC Industries – www.sealtron.com

Hermetic Electronic Packaging

Hermetic glass-to-metal-sealed and high temperature co-fired ceramic (HTCC) micro and opto electronic packaging.

AMETEK HCC Industries – www.hccaegis.com

AMETEK HCC Industries – www.glasseal.com

AMETEK HCC Industries – www.generalceramics.com

Linear Actuators, Lead Screw Assemblies and Linear Rails

Lead screws and nuts, stepper motor linear actuators, programmable linear actuators, linear rails, guides and splines and sealed switches.

AMETEK Haydon Kerk – www.haydonkerk.com

Materials Analysis

www.ametekmaterialsanalysis.com

Energy Dispersive Spectrometry (EDS), Electron Backscatter Diffraction (EBSD), Wavelength Dispersive Spectrometry (WDS), and Micro X-ray Fluorescence systems (Micro XRF)

AMETEK EDAX – www.edax.com

Elemental Analysis, XRF, ICP-OES and ICP-MS instruments, mobile, portable and stationary metal analyzers

AMETEK SPECTRO Analytical Instruments – www.spectro.com

Secondary Ion Mass Spectrometer (SIMS), Electron Probe Microanalysis (EPMA), and Tomographic Atom Probe (TAP)

AMETEK CAMECA – www.cameca.com

EIS spectrometers, frequency response analyzers, potentiostats, battery test equipment

AMETEK Solartron Analytical – www.solartronanalytical.com

Material Stress Testing, Crack Propagation, Product Drop Test

High-speed digital imaging systems used in applications including defense, automotive, engineering, science, medical research, industrial manufacturing and packaging, sports and entertainment, and digital cinematography for television and movie production

AMETEK Vision Research – www.visionresearch.com

Plastics and Resins

Toll compounding, engineered resins, alloys, reactive modifiers, other thermoplastics

AMETEK Westchester Plastics – www.ametek-westchesterplas.com



Position Sensors and Instrumentation

Mill duty linear and rotary position sensors and resolvers

*AMETEK Automation & Process Technologies – www.ametekapt.com
AMETEK Solartron Metrology – www.solartronmetrology.com*

Process Analyzers

Moisture analyzers for feed gas/instrument air monitoring and air separation plants, on-line UV-NIR analyzers for chemical analysis, reaction monitoring, concentration analysis, bleaching/plating strength

AMETEK Process Instruments – www.ametekpi.com

On-line vapor pressure analyzers

*AMETEK GRABNER INSTRUMENTS – www.grabner-instruments.com
AMETEK PETROLAB COMPANY – www.petrolab.com*

Process mass spectrometers, mass spectrometers/vacuum analyzers, trace oxygen for purge/blanket monitoring, flue gas oxygen/combustibles/moisture, air/fuel mixture monitors, furnace atmosphere analyzers

AMETEK Process Instruments – www.ametekpi.com

Pump Motors

Brush and brushless motors for a variety of pump applications, including vapor recovery and hydraulic pump motors

*AMETEK Technical & Industrial Products – www.ametektip.com
AMETEK Floorcare & Specialty Motors – www.ametekfsm.com*

Specialty Titanium Alloys and Customized Metal Foils

Stainless steel, nickel and nickel alloys, copper and copper alloys and titanium for medical devices, electronic components, aerospace instruments and other industrial applications

*AMETEK Hamilton Precision Metals – www.hpmetals.com
AMETEK Reading Alloys – www.reading-alloys.com*

Spring and Reel Products

Constant force, torque springs, power springs, spring motors; data, electrical cord, static grounding reels

AMETEK Hunter Spring Products – www.ametekhunterspring.com

Temperature, Pressure and Signal Calibration

JOFRA dry-block calibrators, temperature/pressure/signal calibration instruments, calibration baths, marine calibrators, reference thermometers, comparators, M&G deadweight testers, pressure gauges and FP temperature sensors

AMETEK Calibration Instruments – www.ametekcalibration.com

Testing and Calibration

Petroleum testing instruments for the analysis of diesel, gasoline, biofuels, and lubricants. Mobile fuel analysis labs. Properties measured include vapor pressure, flash point, viscosity, composition, octane, cetane, distillation properties, color, biofuel content, sulfur content, water content, cold flow behavior

*AMETEK Grabner Instruments – www.grabner-instruments.com
AMETEK PetroLab Company – www.petrolab.com*

Turbine Blade Temperature Monitoring

Non-contact thermometers, pyrometers, data loggers and software

AMETEK LAND, Inc. – www.ametek-land.com

Universal Materials Testing Equipment

Materials testing machines (up to 300kN, 674, 43lbf) and data analysis software for tensile, compression, friction and flexural testing of materials, components and finished products. Test accessories include extensometers, grips, load cells, thermal chambers and furnaces for elevated and low temperature testing. Widely used in universities, research establishments and across manufacturing, including plastics, packaging, metals, medical devices, electronic components, textiles, composites, paper and more

AMETEK LLOYD INSTRUMENTS – www.lloyd-instruments.com

Weathering and Environmental Testing

Laboratory weathering testing, photoaging testing, photovoltaic testing, corrosion, flammability and textile testing, solar simulation, high speed lighting, and outdoor exposure services

AMETEK Atlas Material Testing Technology – www.atlas-mts.com

Weigh Scales

Mechanical weighing scales including Class III hanging scales, bulk weighing scales, crane scales, dynamometers, and warehouse scales

Uninterruptible Power Supply (UPS) Systems

UPS systems, battery backups

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com

◆ MOTORS AND AIR-MOVING PRODUCTS ◆

Accessories

Air flowmeters, filters, gauges, material separators, moisture separators, mufflers, noise enclosures

AMETEK Technical & Industrial Products – www.ametektip.com

Blowers

Advanced Industries, Aircscrew and ROTRON mil spec AC and DC brushless centrifugal and high-pressure radial blowers for military, aerospace, telecommunications

AMETEK Aerospace & Defense – www.ametekaerodefense.com

AC blowers for appliance, floorcare, lawn and garden equipment; DC blowers for professional appliance, lawn and garden equipment, pool and spa

*AMETEK do Brasil Ltda – www.ametek.com.br
AMETEK Floorcare & Specialty Motors – www.ametekfsm.com
AMETEK Italia S.r.l. – www.ametek.it*

AC and DC brushless electronically commutated blowers for medical equipment, printing equipment, floorcare, material handling, fuel cell, mass transit vehicle applications, including WINDJAMMER and ROTRON; variable speed NAUTILAIR combustion blowers for high-efficiency burner systems; DC blowers for mass transit vehicle applications; ROTRON regenerative (side-channel) blowers for process, industrial, environmental, wastewater, and instrumentation applications with flows up to 1800 SCFM, pressures up to 10 PSIG, vacuums to 180 IWG

AMETEK Technical & Industrial Products – www.ametektip.com

Controllers

Controls and controllers, baghouse controllers, interface modules

AMETEK National Controls Corporation (NCC) – www.nationalcontrols.com

Brushless DC (electronically commutated) motor, pump, and blower controls, DSP-based controls

AMETEK Technical & Industrial Products – www.ametektip.com

Fans

Brushless DC fans for cooling applications and mass transit vehicle air conditioning systems

AMETEK Technical & Industrial Products – www.ametektip.com

Aircscrew and ROTRON mil spec AC and DC brushless mixed flow, tubeaxial, vaneaxial fans for military, aerospace, and telecommunications applications

AMETEK Aerospace & Defense – www.ametekaerodefense.com

Gearmotors

Fractional horsepower AC and DC gear motors

*AMETEK do Brasil Ltda – www.ametek.com.br
AMETEK Floorcare & Specialty Motors – www.ametekfsm.com
AMETEK Technical & Industrial Products – www.ametektip.com*



Hardness Testers

Rockwell (regular and superficial scales), Brinell, Microhardness, Vickers (micro and macro), Knoop, Durometers, and IRHD.

AMETEK Newage Testing Instrument – www.hardnesstesters.com

Linear Actuators, Lead Screw Assemblies and Linear Rails

Lead screws and nuts, stepper motor linear actuators, programmable linear actuators, linear rails, guides and splines and sealed switches

AMETEK Haydon Kerk – www.haydonkerk.com

Motors

AC shaded pole/series universal fractional horsepower motors for use in lawn and garden, home shop, health/beauty/fitness, professional appliances, floorcare, heating and ventilation and many other commercial and consumer rotary motion delivery applications

AMETEK do Brasil Ltda – www.ametek.com.br

AMETEK Floorcare & Specialty Motors – www.ametekfsm.com

AMETEK Italia S.r.l. – www.ametekfsm.com

Advanced Industries, Muirhead Aerospace, and ROTRON mil spec AC and DC brushless motors and drive systems

AMETEK Aerospace & Defense – www.ametekaerodefense.com

Muirhead Aerospace AC, DC brushed and brushless motors, torque motors, limited angle torque motors, variable reluctance motors, servo motor, gearboxes, and drive systems, build-to-print and custom subassemblies

AMETEK Muirhead Aerospace – www.muirheadaerospace.com

AC synchronous motors, brush motors, brush-commutated motors and servo motors, DC wound field and permanent magnet designs for electric powered vehicles, hydraulic pumps, winches, appliances, commercial floorcare applications, lawn and garden, health/beauty/fitness, pool and spa

AMETEK Floorcare & Specialty Motors – www.ametekfsm.com

AMETEK Italia S.r.l. – www.ametekfsm.com

Linear motors, brush motors, servo motors, pump motors, brushless DC motors with internal or external controlled designs for pumps, blowers and general motion applications, high-efficiency brushless DC micro motors, brushless DC servo motors, gearmotors, permanent magnet DC motors, slotted brushless DC servo motors, recognized brands include PITTMAN

AMETEK Technical & Industrial Products – www.ametektip.com

Vacuum Motors

Low-noise peripheral bypass discharge, hazardous duty peripheral bypass discharge, tangential bypass discharge, thru-flow discharge, switched reluctance vacuum motors

AMETEK do Brasil Ltda – www.ametek.com.br

AMETEK Floorcare & Specialty Motors – www.ametekfsm.com

AMETEK Italia S.r.l. – www.ametekfsm.com

AMETEK LAMB Electric – www.ametekfsm.com

◆ OEM PRODUCTS, HEAVY VEHICLE, AND MASS TRANSIT ◆

Battery Chargers - Motive Power

Industrial battery chargers for fork lift trucks and material handling equipment; station battery chargers, battery monitor/total system monitor

AMETEK Prestolite Power – www.prestolitepower.com

Battery Chargers - Standby Power

Industrial battery digital chargers for emergency backup industrial applications; industrial battery digital chargers, battery monitor/total system monitor

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com

Blower Accessories

Air flowmeters, filters, gauges, material separators, moisture separators, mufflers, noise enclosures

Blowers

AC and DC brushless electronically commutated blowers for medical equipment, printing equipment, floorcare, material handling, fuel cell, mass transit vehicle applications, including WINDJAMMER and ROTRON; variable speed NAUTILAIR combustion blowers for high-efficiency burner systems; DC blowers for mass transit vehicle applications; ROTRON regenerative (side-channel) blowers for process, industrial, environmental, wastewater, and instrumentation applications with flows up to 1800 SCFM, pressures up to 10 PSIG, vacuums to 180 IWG

Bus and Coach Blowers

Passenger heating and cooling systems; fans – air conditioner condensers; water boost pumps

AMETEK Technical & Industrial Products – www.ametektip.com

Brushed and Brushless DC Motors, Blowers, Actuators

Sub-fractional to 12 HP DC Brushed and Brushless motors, linear and rotary actuators, flap actuator motors, trim actuators, hydraulic pump motors, compressor motors, hydraulic power packs, fans and blowers, 300 HP Hybrid Vehicle Drive

Power & Data Systems – www.ametekaerodefense.com

Bus and Coach / Heavy Vehicle Instrumentation

J1939 CAN gauges, vehicle instrumentation, clusters, message centers, power multiplexing, keypads, chassis interface modules, graphics displays

AMETEK Vehicular Instrumentation Systems – www.ametekvis.com

Cable Assemblies and Sub-sea Interconnects

Cable assemblies, splice blocks, penetrators, Gigabit Ethernet and glass-sealed Fiber-Optic feed thru's

AMETEK SCP, Inc. – www.ametekscp.com

Cable and Interconnect Systems for Medical Devices

Custom designed and manufactured electronic cable assemblies, specialty wiring assemblies, precision interconnection systems for neuro-stimulation, patient monitoring, ultrasound, cardiac rhythm management and cardiac mapping

AMETEK Technical Services for Electronics (TSE) – www.tseinc.net

Cathodic Protection Rectifiers

Automatic rectifiers for industrial corrosion control applications; automatic cathodic protection rectifiers, satellite communications

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com

Contactors and Solenoids

Battery disconnect switches, contactors, solenoids, switchgear components

AMETEK Switch – www.ametekswitch.com

Controllers

Brushless DC (electronically commutated) motor, pump, and blower controls, DSP-based controls

AMETEK Technical & Industrial Products – www.ametektip.com

Controls

Time delay relays, cube timers, temperature indicators and controls, solid state relays, liquid level controls, voltage monitors, dust collector controls, custom machine and process controls

AMETEK National Controls Corporation (NCC) – www.nationalcontrols.com



Customer High-Speed Imaging Solutions for Embedded Applications

High-speed digital imaging systems used in applications including defense, automotive, engineering, science, medical research, industrial manufacturing and packaging, sports and entertainment, and digital cinematography for television and movie production

AMETEK Vision Research – www.visionresearch.com

Drive Motors

Permanent magnet, shaded pole, universal fractional horsepower, wound field DC

AMETEK do Brasil Ltda – www.ametek.com.br

AMETEK Floorcare & Specialty Motors – www.ametekfsm.com

Fuel and Oil Analysis Equipment

Petroleum testing instruments for the analysis of diesel, gasoline, biofuels, and lubricants. Mobile fuel analysis labs. Properties measured include vapor pressure, flash point, viscosity, composition, octane, cetane, distillation properties, color, biofuel content, sulfur content, water content, cold flow behavior

AMETEK Grabner Instruments – www.grabner-instruments.com

AMETEK Petrolab Company – www.petrolab.com

Hermetic Connectors

Hermetically sealed connectors, bulkheads, headers and feed thru's. PEEK interconnects

AMETEK HCC Industries – www.hermeticseal.com

AMETEK HCC Industries – www.sealtron.com

Hermetic Electronic Packaging

Hermetic glass-to-metal-sealed and high temperature co-fired ceramic (HTCC) micro and opto electronic packaging

AMETEK HCC Industries – www.hccaegis.com

AMETEK HCC Industries – www.glasseal.com

AMETEK HCC Industries – www.generalceramics.com

Hybrid Drive Motors

Hybrid drive motors for municipal bus and heavy vehicle applications

AMETEK Aerospace & Defense – www.ametekaerodefense.com

Hydraulic Power / Pump Motors

DC motors specializing in powering hydraulic systems and pumps for braking systems, truck lifts, hydraulic power packs; Prestolite 12V DC and 24V DC pump motors

AMETEK Prestolite Motors – www.ametekfsm.com

Level Measurement

Tank gauging, continuous/point level measurement, other level measurement products, hydrostatic level sensors, level sensors, tank gauging

AMETEK Automation & Process Technologies – www.ametekapt.com

AMETEK DREXELBROOK – www.drexelbrook.com

AMETEK PMT Products – www.ametekpmt.com

Linear Actuators, Lead screw Assemblies and Linear Rails

Lead screws and nuts, stepper motor linear actuators, programmable linear actuators, linear rails, guides and splines and sealed switches

AMETEK Haydon Kerk – www.haydonkerk.com

Motors

Linear motors, brush motors, servo motors, pump motors, brushless DC motors with internal or external controlled designs for pumps, blowers and general motion applications, high-efficiency brushless DC micro motors, brushless DC servo motors, gearmotors, permanent magnet DC motors, slotted brushless DC servo motors, recognized brands include PITTMAN

AMETEK Technical & Industrial Products – www.ametektip.com

Position Measurement

Position sensors, limit switches, linear displacement transducers, resolvers, cable and hose carriers

AMETEK Automation & Process Technologies – www.ametekapt.com

AMETEK Solartron Metrology – www.solartronmetrology.com

Pressure and Temperature Measurement

Pressure gauges, transducers, thermometers, transmitters for differential pressure, flow, liquid level, pressure

AMETEK Power Instruments – www.ametekpower.com

AMETEK PMT Products – www.ametekpmt.com

AMETEK U.S. GAUGE – www.ametekusg.com

Pumps

Seal-Less brushless water circulating pumps with three basic pump/motor designs from 12 GPM to 26 GPM in either 12 VDC or 24 VDC motor ratings. Magnetically coupled design provides for a leak-proof pump with no rotating wet seals to wear out and cause leakage

Rail Blowers

Passenger heating and cooling systems; inverters – DC to DC and DC to AC; fans – air conditioner condensers; fuel pumps; hydraulic brake pump motors

AMETEK Technical & Industrial Products – www.ametektip.com

Specialty Metal Strip

Metal strip products via wrought powder metallurgy technology in nickel, nickel-iron, nickel-iron-cobalt, high-purity iron, cobalt-based and spinodal copper alloys

Specialty Metal Wire

Standard/custom shaped wire products and electronic wire connections made of aluminum, brass, copper, and stainless steel alloys; in-house tooling

Specialty Titanium Alloys and Customized Metal Foils

Stainless steel, nickel and nickel alloys, copper and copper alloys and titanium for medical devices, electronic components, aerospace instruments and other industrial applications

AMETEK Hamilton Precision Metals – www.hpmetals.com

AMETEK Reading Alloys – www.reading-alloys.com

Spring and Reel Products

Constant force, torque springs, power springs, spring motors; data, electrical cord, static grounding reels

AMETEK Hunter Spring Products – www.ametekhunterspring.com

Thermal Management Products

Metal matrix composites in molybdenum copper, tungsten copper, silicon carbide aluminum, and copper clad molybdenum-copper for electronic thermal management

AMETEK Specialty Metal Products – www.ametekmetals.com

Temperature Alarms and Indicators

Standard temperature alarms and indicators, and custom OEM temperature controllers, especially for the food service industry

AMETEK National Controls Corporation (NCC) – www.nationalcontrols.com

Temperature, Pressure and Signal Calibration

JOFRA dry-block calibrators, temperature/pressure/signal calibration instruments, calibration baths, marine calibrators, reference thermometers, comparators, M&G deadweight testers, pumps, reference gauges, FP temperature sensors, scanners and software

AMETEK Calibration Instruments – www.ametekcalibration.com



Timers and Timing Products

Time delay relays, solid state relays, voltage and current monitors

AMETEK National Controls Corporation (NCC) – www.nationalcontrols.com

Transmission and Electrical Power Supply Cooling

Aircscrew AC fans and motors/gearbox cooling systems

AMETEK Aerospace & Defense – www.ametekaerodefense.com

Uninterruptible Power Supply (UPS) Systems

UPS systems, battery backups

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com

Vacuum Motors

ACUSTEK low-noise peripheral bypass discharge, hazardous duty peripheral bypass discharge, peripheral bypass discharge, tangential bypass discharge, thru-flow discharge, INFIN-A-TEK switched reluctance motor-blowers

AMETEK Floorcare & Specialty Motors – www.ametekfsm.com

Vehicular Instrumentation and Systems

J1939 CAN gauges, vehicle instrumentation, clusters, message centers, power multiplexing, keypads, chassis interface modules, graphic displays

AMETEK Vehicular Instrumentation Systems – www.ametekvis.com

Winch Motors

Prestolite 12V DC and 24V DC winch motors, Prestolite brand

AMETEK Floorcare & Specialty Motors – www.ametekfsm.com

◆ POWER GENERATION, TRANSMISSION AND DISTRIBUTION, AND NUCLEAR ◆

Battery Chargers - Motive Power

Industrial battery chargers for fork lift trucks and material handling equipment; station battery chargers, battery monitor/total system monitor

AMETEK Prestolite Power – www.prestolitepower.com

Battery Chargers - Standby Power

Industrial battery digital chargers for emergency backup industrial applications; industrial battery digital chargers, battery monitor/total system monitor

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com

Cable Assemblies and Sub-sea Interconnects

Cable assemblies, splice blocks, penetrators, Gigabit Ethernet and glass-sealed Fiber-Optic feed thru's

AMETEK SCP, Inc. – www.ametekscp.com

Cathodic Protection Rectifiers

Automatic rectifiers for industrial corrosion control applications; automatic cathodic protection rectifiers, satellite communications

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com

Containerized Off Grid Solar Power Stations

Industrial grade photo-voltaic containerized power systems for rural electrification applications; containerized power systems, batteries, inverters

AMETEK Solidstate Controls – www.solidstatecontrolsinc.com

Failure Analysis and Corrosion Studies

Energy Dispersive Spectrometry (EDS), Electron Backscatter Diffraction (EBSD), Wavelength Dispersive Spectrometry (WDS), and Micro X-ray Fluorescence systems (Micro XRF), ICP spectrometers, portable and stationary metal analyzers

AMETEK EDAX – www.edax.com

AMETEK SPECTRO Analytical Instruments – www.spectro.com

Secondary Ion Mass Spectrometer (SIMS), Electron Probe Microanalysis (EPMA), and Tomographic Atom Probe (TAP)

AMETEK CAMECA – www.cameca.com

Fuel Cell Products

Potentiostats, galvanostats, high-current electrochemical instrumentation software, accessories

AMETEK Princeton Applied Research – www.princetonappliedresearch.com

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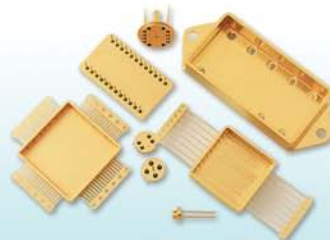
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(See global support offices on page 23)

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GLOBAL MANUFACTURING, SALES, AND SERVICE OPERATIONS

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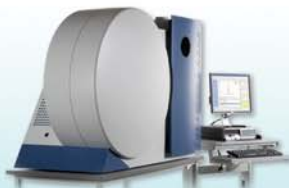
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TEST & CALIBRATION INSTRUMENTS

AMETEK DENMARK A/S

Manufacturing and Sales of Calibration Instruments

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AMETEK Calibration Instruments operates a worldwide network of sales and service offices in the United States, Singapore, China, Germany and the UK as well as through more than 70 distributors in over 50 different foreign countries.

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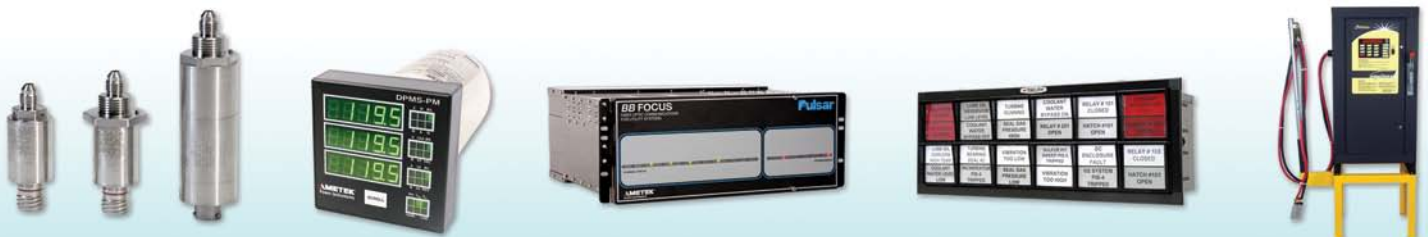
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AMETEK Switch is a designer and manufacturer of high quality DC contactors and solenoids for a wide range of applications. AMETEK purchased the solenoid and contactor product lines from Prestolite Electric in August 2000. Our DC contactors and specific solenoid product families have been UL approved.

DC contactors are used in forklifts, electric vehicles, luxury boats, telecommunication systems, welding, uninterruptible power supplies, ground power generation, and any other application that has the need for a dependable source of power. DC contactors range in current from 100 to 2,000 amps and can handle up to 500 volts. Our contactors operate in a variety of environments and have been designed for open or enclosed construction. In addition, we have a wide variety of existing field proven designs that can be used to meet your size and weight requirements. Our Maglatch™ family of patented protected designs (100 through 2,000 amps) offers an economical option for those applications that do not require a significant amount of contactor switching.

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Stubley Lane - Dronfield
Derbyshire S18 1DJ, UK
Phone: +44 (0) 1246 417691 • Fax: +44 (0) 1246 4108585

E-mail: infrared.sales@landinst.com
www.ametek-land.com

AMETEK LAND, Inc.

150 Freeport Road
Pittsburgh, PA 15238 U.S.A.
Phone: +1 412-826-4444 • Fax: +1 412-826-4460

E-mail: irsales@ametek.com
www.ametek-land.com



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North American Sales, Calibration and Service Facility for Analytical Testing Instrumentation

2001 North Indianwood Avenue
Broken Arrow, OK 74012 U.S.A.
Phone: +1 918-459-7170 • Fax: +1 918-459-7178

*E-mail: petrolab.sales@ametek.com
www.petrolab.com*

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Phone: +1 412-828-9040 • Fax: +1 412-826-0399

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PROCESS INSTRUMENTS

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2876 Sunridge Way N.E.
Calgary, AB T1Y 7H9 Canada
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Hackworth Industrial Park, Shildon,
County Durham, DL4 1LH, UK
Phone: +44 (0) 1388 773065 • Fax: +44 (0) 1388 774888

*E-mail: sales.solartronisa@ametek.com
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www.precitech.com*

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*E-mail: sales@solartronmetrology.com
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PO Box 36, 2 New Star Road
Leicester, LE4 9JQ, UK
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1725 Western Drive
West Chicago, IL 60185 U.S.A.
Phone: +1 630-621-3099 • Fax: +1 630-231-1739

*E-mail: sales@taylor-hobson.com
www.taylor-hobson.com*

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AMETEK AMT

ORTEC SALES IN UK
Advanced Measurement Technology
Unit 1, Millars Business Centre
Fishponds Close, Wokingham, Berkshire, RG41 2TZ, UK
Phone: +44 (0) 118 936 1210 • Fax: +44 (0) 118 936 1211

www.ortec.uksales@ametek.co.uk

AMETEK Co. Ltd. CAMECA BU

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AMETEK Co. Ltd. CAMECA BU
3F, Shiba NBF tower
1-1-30, Shiba Daimon, Minato-ku
Tokyo, 1050012, Japan
Phone: +81-3-6809-2402 • Fax: +81-3-6809-2410

E-mail: cameca-japan.info@ametek.co.jp

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SALES AND SERVICE FOR CAMECA PRODUCTS IN KOREA
#309, 3rd Floor, Gyeonggi R&DB Center
906-5 Iui-dong, Yeongtong-gu, Suwon-city
Gyeonggi-do, Korea, 443-270
Phone: +82-31-888-5225 • Fax: +82-31-888-5228

E-mail: cameca-korea.info@ametek.co.kr

AMETEK CAMECA GmbH

SALES AND SERVICE FOR CAMECA PRODUCTS IN GERMANY
Carl-von-Linde-Str. 42
85716 Unterschleissheim, Germany
Phone: + 49 (89) 315 891 0 • Fax: + 49 (89) 315 891 99

AMETEK CAMECA Taiwan Co., Ltd.

SALES AND SERVICE FOR CAMECA PRODUCTS IN TAIWAN
A2, 10F-6, No. 120, Sec. 2
GongDaoWu Road, HsinChu
30072, Taiwan, R.O. China
Phone: +886-3-575-0099 • Fax: +886-3-575-0799

AMETEK Commercial Enterprise (Shanghai) Co. Ltd.

Part A First Floor,
460 North Fute Road
Waigaoqiao Free Trade Zone
Shanghai 200131 - P.R. China
Phone: +86-21-5868-5111 • Fax: +86-21-5866-0969

AMETEK Commercial Enterprise (Shanghai) Co. Ltd.

BEIJING BRANCH
Room 2202, CITIC Building
No. 19, Jian Wai Dajie
Beijing, 100004, China
Phone: +86-10-8526-2111 • Fax: +86-10-8526-2141

www.ametek.com.cn

AMETEK Commercial Enterprise (Shanghai) Co. Ltd.

CHENGDU BRANCH
Room 2408, Zongfu Building,
No. 35, Zongfu Road
Chengdu, 610016, Sichuan, China
Phone: +86-28-8675-8111 • Fax: +86-28-8675-8141

AMETEK Commercial Enterprise (Shanghai) Co. Ltd.

GUANGZHOU BRANCH
Room 1412, Yian Plaza
No. 33, Jian She Liu Ma Road
Guangzhou, 510060, China
Phone: +86-20-8363-4768 • Fax: +86-20-8363-3701

AMETEK Commercial Enterprise (Shanghai) Co. Ltd.

JIUTING BRANCH
2nd floor, Building 6, No. 155 PuHui Road
Jiu Ting Economic Development Zone
Song Jiang Shanghai 201615 P.R. China
Phone: +86-21-3763-2111 • Fax: +86-21-5763-2411

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Distrito Industrial Nova Era
13347-394 Indaiatuba-SP-Brazil
Phone: +55-19-3825-8775 • Fax: +55-19-3935-8773

*E-mail: vendas@ametek.com.br
www.ametek.com.br*

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SALES FOR EDAX PRODUCTS IN EUROPE
Ringbaan Noord 103
P.O. Box 4144
5004 JC Tilburg, Netherlands
Phone: +31-13-536-4000 • Fax: +31-13-535-6279

AMETEK EDAX Germany

AMETEK GMBH C/O EDAX BUSINESS UNIT
Kreuzberger Ring 6
D-65205 Wiesbaden, Germany
Phone: +49-611-97304-50 • Fax: +49-611-97304-55

AMETEK EDAX Japan K.K.

SALES FOR EDAX PRODUCTS IN JAPAN
13-31 Kohnan 2 Chome
Minato-ku
Tokyo, 108-0075, Japan
Phone: +81-3-3740-5172 • Fax: +81-3-3740-5307

*E-mail: edax-japan.info@ametek.co.jp
www.edax.co.jp*

AMETEK elektromotory s.r.o.

ul. Beloveska 318
Nachod, 54701, Czech Republic
Phone: +420-491-423 424 • Fax: +420-491-423 111

GLOBAL MANUFACTURING, SALES, AND SERVICE OPERATIONS

AMETEK GmbH

SALES IN EUROPE

Rudolf-Diesel-Strasse 16
D-40670 Meerbusch, Germany
Phone: +49-2159-9136-0 • Fax: +49-2159-9136-39

www.ametek.de

AMETEK Hong Kong Representative Office

SALES IN HONG KONG

Unit 1603, 16/F
Tower III Enterprise Square
No.9 Sheung Yuet Road
Kowloon Bay, Kowloon, Hong Kong
Phone: +852-2965-1131 • Fax: +852-2976-9542

www.ametek.com.hk

AMETEK Instruments India Private Ltd.

Plot 148, EPIP Zone. Phase 2
FeatherLite Tech Park
Whitefield, Bangalore 560066, India
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www.ametek.it

AMETEK Co., Ltd.

JAPAN OFFICE

Shiba NBF Tower
1-1-30, Shiba Daimon Minato -Ku, Tokyo, Japan (P.C.105-0012)
Phone: +03-6809-24010 • Fax: +03-6809-2410

CAMECA Business Unit

Rep: Mr. S.Cho
Phone: +03-6809-2402

Drexelbrook Business Unit

Rep: Mr. H.Saji
Phone: +03-6809-2403

EDAX Business Unit

Rep: K. Rikukawa
Phone: +03-6809-2404

SPECTRO Business Unit

Rep: Mr. A. Eerden
Phone: +03-6809-2405

Taylor Hobson Business Unit

Rep: Mr. T. Kuse
Phone: +03-6809-2406
Fax: + 03-6809-2410

OSAKA Office

SALES FOR CAMECA, EDAX, TAYLOR HOBSON

Shin Osaka DOI Building (5F)
3-3-34 Miyahara Yodogawa-Ku Osaka C. Osaka Fu (P.C.532-0003)
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Phone: +06-6399-9511 • Fax: +06-6399-9519

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3-3-34 Miyahara, Yodogawa-ku, Shin-Osaka DOI Building 5/F,
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E-mail: land-japan.info@ametek.co.jp

www.landinst.jp

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E-mail: info.france@ametek.com

www.ametek.fr

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1-2 Floors
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Innovate City
Xiamen Fujian 361006 P.R. China
Phone: +86-592-603-0566 • Fax: +86-592-603-0570

E-mail: sales@amekai.com.tw

www.amekai.com

AMETEK Moscow

SALES FOR AMETEK IN RUSSIA

29 Vereiskaya ul, Ste. 517
112 kv. Kuntsevo
Moscow, Russia 121357
Phone: +7 495 660 8208 • Fax: +7 495 660 8206

E-mail: ametek.llc@ametek.com

www.ametekinstruments.ru

AMETEK Motors Shanghai Co. Ltd.

MANUFACTURING FOR MOTORS & INSTRUMENT PRODUCTS

#1 AMETEK Road
Jiu Ting Economic Development Zone
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Sankyo Meguro Building 1F 4-5-37
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Tokyo, 141-0021, Japan
Phone: +81-3-3494-5201 • Fax: +81-3-3494-5208

E-mail: drexelbrook-japan.info@ametek.co.jp

www.nihon-drexelbrook.jp

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AMETEK Nordic AB

SALES FOR SPECTRO IN SWEDEN
Krossgatan 36
SE-162 50 Vällingby, Sweden
Phone: +46-8-5190-6031 • Fax: +46-8-5190-6034

E-mail: spectro-nordic.info@ametek.com

AMETEK Precision Instruments (UK)

SALES AND SERVICE FOR POWER INSTRUMENTS
IN EUROPE AND THE MIDDLE EAST
Unit 20 Ridgeway
Donibristle Industrial Estate
Dalgety Bay
Dunfermline KY119JN Scotland, UK
Phone: +44 (0) 1383-825630 • Fax: +44 (0) 1383-825715

www.ametek.co.uk

AMETEK Switch

SALES FOR SWITCH IN EUROPE AND ASIA
Ipswich Road
Cardiff CF23 9XP Wales, UK
Phone: +44 (0) 29-2049-6763 • Fax: +44 (0) 29-2046-2337

www.ametekswitch.com

AMETEK Singapore Pte. Ltd.

SALES IN ASIA
No. 43 Changi South Avenue 2
#04-01, Singapore 486164
Phone: +65-6484-2388 • Fax: +65-6481-6588

*E-mail: ap.info@ametek.com.sg
www.ametek.com.sg*

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SALES FOR SOLIDSTATE CONTROLS IN SOUTH AMERICA
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Rosario, Argentina
Phone: +54-34-341-455-3332 • Fax: +54-34-341-454-0142

www.solidstatecontrolsinc-esp.com

AMETEK S.r.l.

SALES FOR ELECTRONIC INSTRUMENTS IN ITALY
Via de'Barzi
20087 Robecco sul Naviglio, Milano, Italy
Phone: +39-02-946931 • Fax: +39-02-94693650

www.ametekinstruments.it

AMEKAI Taiwan Co., Ltd.

MANUFACTURING FOR PRESSURE GAUGES
2F, No. 214, Alley 1, Lane 138
Chang-An St., Pan Chiao
Taipei, Taiwan, R.O. China
Phone: +886-2-2954-1765 • Fax: +886-2-2951-3443

AMETEK Taylor Hobson China

Room 2203, CITIC Building #19
Jianguomenwai Dajie, Beijing, 100004, China
Phone: +00-86-10-8526-2111 • Fax: +00-86-10-8526-2141

www.taylor-hobson.beijing@ametek.com

AMETEK Taylor Hobson France

Rond Point de l'Epine Champs
Batimant D, 78990 Elancourt, France
Phone: +33-130-68-89-30 • Fax: +33-130-68-89-39

www.taylor-hobson.france@ametek.com

AMETEK Taylor Hobson Germany

Postfach 4827, Kreuzberger Ring 6
65205 Wiesbaden, Germany
Phone: +49-611-973040 • Fax: +49-611-97304600

www.taylor-hobson.germany@ametek.com

AMETEK Taylor Hobson Italy

Via de'Barzi
20087 Robecco sul Naviglio, Milano, Italy
Phone: +39-02-946-93406 • Fax: +39-02-946-93450

E-mail: taylor-hobson.italy@ametek.com

AMETEK Taylor Hobson Korea Co. Ltd.

SALES AND SERVICE
FOR TAYLOR HOBSON PRODUCTS IN KOREA
#310 Gyeonggi R&DB Center
906-5, Lui-dong, Yeongtong-gu, Suwon
Gyeonggi, 443-766 Korea
Phone: +82-31-888-5255 • Fax: +82-3-888-5256

*E-mail: taylor-hobson.korea@ametek.com
www.taylor-hobson.co.kr*

AMETEK Taylor Hobson Japan Co. Ltd.

SALES AND SERVICE
FOR TAYLOR HOBSON PRODUCTS IN JAPAN
Shiba NBF Tower
1-1-30, Shiba Daimon Minato-ku
Tokyo, 105-0012, Japan
Phone: +81-(0)3-6809-2406 • Fax: +81-(0)3-6809-2410

*E-mail: taylor-hobson-japan.info@ametek.co.jp
www.taylor-hobson.jp*

AMETEK Technical Services For Electronics, Inc. Taiwan Branch

2F, No.21, Chien Kang Rd.,
Chung Ho City, New Taipei City, Taiwan
Phone: +886-2-3234-1566 • Fax: +886-2-3234-7803

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