

COMPANY PROFILE



PT. WYNTAMA TEKNIK MANDIRI
SALES, AGENT & STOCKIST INDUSTRIAL DEVICE

Always Giving High Quality
to Serve Customers

The Introduction

PT. Wyntama Teknik Mandiri merupakan perusahaan yang bergerak di bidang usaha perdagangan barang, Agent dan Stockist untuk Produk :

- **Pressure Gauges**
 - Commercial/Utility Gauges
 - Industrial Gauges
 - Stainless Steel Gauges
 - Process Gauges
 - High Precision Gauges
 - Low Pressure Gauges
 - Special Application Gauges
- **Pressure Gauge Accesories**
 - Pressure Snubbers
 - Siphons
 - Needle Valves

- Regulator ◦
- EVC ◦
- Turbin Meter ◦
- Flow Meter ◦
- Gas Monitor ◦
- Control Valve ◦
- Bimetal Temperature Gauge ◦

- Selenoid Valve
- Industrial Instrumentation
- R & D Device
- Hydraulics & Pneumatics Device
- Pump / Blowers
- Energy Saving Industrial Device
- Electric Controls / Electric Device



Our Profile

Hingga kini, kami dipercaya untuk menjadi mitra (rekanan) bagi beberapa perusahaan kontraktor dan industri pemerintahan maupun swasta, seperti :

- Pabrik Makanan dan Minuman / Food & Beverage
- Pabrik Kimia / Chemical
- Pabrik Kimia / Chemical
- Manufacture
- Oil & Gas Refinery
- Oil & Gas Explorasi
- Building
- Me Contractor
- Oil & Gas Contractor
- Industri Perkapalan
- Pabrik Pengolahan Minyak Sawit
- Etc



Customer List

Berikut beberapa Customer yang selalu mempercayakan kebutuhan perusahaannya kepada kami :

- Asahi Chemical, PT
- Gawi Bahangdep Sawit Mekar, PT
- Pembangunan Jawa - Bali, PT
- Sinar Antjol, PT
- Agrina Sawit, PT
- Kota Minyak, PT
- Sulfindo Adiusaha, PT
- Varley Indonesia, PT
- Dover Chemical, PT
- Karya Intertek Kencana, PT
- Jaga Citra Inti, PT
- Cilegon Fabricators, PT
- Sapta Karya Damai, PT
- Agrina Sawit Perdana Tbk, PT
- Thermax International, PT
- PDAM Kuala Kapuas, PT
- Indofood Sukses Makmur Sentosa, PT
- Indofood CBG Sukses Makmur Tbk, PT
- Nutrindo Bogarasa, PT
- Dirgantara Indonesia, PT
- Gendhis Multi Manis, PT
- Industri Gula Nusantara, PT
- Mulia Glass, PT
- Peace Industrial Packaging, PT
- Polychem Indonesia Tbk, PT
- Vaksindo Satwa Nusantara, PT
- Kreasijaya Adhikarya, PT
- Indocoke Industry, PT
- Growth Java Industry, PT
- Sejahtera Raya, PT (RS Mayapada)

Product Categories



Industrial Instrumentation / Electric Control Device

- Digital Instrumentation Device
- Radiator Thermometers
- Infrared Moisture Meters
- Mass Rheometers
- Batch Systems
- Ultrasonic Level Gauges
- Digital Pressure Control Sensor
- Electric Conductivity Meters
- Electromagnetic Densitometers
- PH Meters
- Gas Analyzers
- Electromagnetic & Ultrasonic Rheometers
- Hopper Scales
- Electronic Platform Scales
- Weighing Systems
- Digital Instrumentation System
- Telemeter System
- Flow Meter

Manufacture

- A&D Company, Limited
- AICHI TOKEI DENKI CO., LTD.
- ANRITSU CORPORATION
- ATAGO CO., LTD
- CHINO CORPORATION
- COCORESEARCH Inc.
- DIGITAL ELECTRONICS CORPORATION
- DKK-TOA CORPORATION
- ENDESS+HAUSER
- GRAPHTEC CORPORATION
- HIOKI E.ECORPORATION
- HENEYWELL
- HORIBA Advanced Techno Co., Ltd.
- HYODA INSTRUMENTS CORPORATION
- IWATSU TEST INSTRUMENT CORPORATION
- JTEKT CORPORATION
- KAIJO CORPORATION
- KAWAKI MEASURING INSTRUMENT CO. Ltd
- KROHNE
- KUBOTA CORPORATION
- M-System Co., Ltd.
- MINEBEA Co., Ltd.
- MITSUBISHI
- NAGANO KEIKI Co., Ltd
- NEC AVIO INFRARED TECHNOLOGIES Co., Ltd.

- OLYMPUS CORPORATION
- OMRON
- ONO SOKKI Co., Ltd.
- OVAL CORPORATION
- PANASONIC
- RIKEN KEIKI Co., Ltd.
- RION CO., Ltd.
- RYUTAI KOGYO CO., Ltd.
- SANKYO PIO-TECH. CO., Ltd.
- SONY CORPORATION
- SOPHIA SYSTEM Co., Ltd.
- SSS - POSITIONER
- TAKENAKA LASER
- TEKHNE CORPORATION
- TESTO Inc.
- TFF CORPORATION FLUKE Company
- TOKYO KEIKI INC.
- TOKYO SEIMITSU CO., Ltd.
- TOSHIBA CORPORATION
- NEW COSMOS ELECTRIC Co., Ltd.
- NIKKA DENSOK Ltd
- NIPPON FLOW CELL
- NISSIN ELECTRONIC Co., Ltd.
- NITTO SEIKO
- NOHKEN INC



Manufacture

- ADVANTEC TOYO KAISHA, Ltd.
- DALTON Co., Ltd.
- EKO INSTRUMENTS Co., Ltd.
- FUTECH INC.
- HITACHI HIGH - TECHNOLOGIES CORPORATION
- HITACHI KOKI Co., Ltd.
- HORIBA, Ltd.
- INSTRON JAPAN Co., Ltd.
- KOITO ELECTRIC INDUSTRIES, Ltd.
- KONICA MINOLTA OPTICS, Inc.
- KOYO THERMO SYSTEMS CO., Ltd.
- MARUI & Co., Ltd.
- MERCK Ltd.
- METTLER-TOLEDO K. K.
- MITUTOYO CORPORATION
- NIKON INTECH CO., Ltd.
- RIGAKU CORPORATION
- TAKASAGO Ltd.
- TAKES-Group Ltd.
- TELEDYNE LECROY JAPAN CORPORATION
- TOHNICHI Mfg. Co., Ltd.
- TOKYO RIKAKIKAI CO., Ltd.
- TOYO SEIKI SEISAKU-SHO, Ltd
- ULVAC, Inc.



Product Categories



Hydraulics & Pneumatic Device / Valves

- o ASCO JAPAN Co.Ltd.
- o CKD Corporation
- o DESSER JAPAN, Ltd.
- o EATON INDUSTRIES (JAPAN) Ltd.
- o FUJIKIN INCORPORATED
- o HIRATA VALVE INDUSTRY CO., Ltd.
- o KANEKO SANGYO CO., Ltd.
- o KITAMURA VALVE
- o KITZ CORPORATION
- o KONAN ELECTRIC CO., Ltd.
- o KOSO VALVE
- o KUBOTA CORPORATION
- o KURODA PNEUMATIC Ltd.
- o MIYAWAKI Inc.
- o MOTOYAMA ENG. WORKS, Ltd.
- o NAKAKITA SEISAKUSHO CO., Ltd.
- o NIPPON DAIYA VALVES CO., Ltd.
- o NIPPON OIL PUMP CO., Ltd.
- o RIKEN KIKI CO., Ltd.
- o SMC
- o TACO CO., Ltd.
- o TAIYO., Ltd.
- o THE KEIHIN CO., Ltd.
- o TOMOE VALVE CO., Ltd.
- o TOYOOKI KOGYO CO., Ltd.
- o UTSUE VALVE CO., Ltd.
- o WADA VALVE
- o YUKEN

Product Categories



Pump & Blower

- ANLET CO., Ltd.
- DAIDO MACHINERY CORPORATION
- EBARA CORPORATION
- GRUNDFOS PUMPS K.K.
- HEISHIN Ltd,
- IWAKI CO., Ltd.
- MITSUWA PUMP CO., Ltd.
- MIURA CO., Ltd.
- SHOWA DENKI CO., Ltd.
- TORISHIMA PUMP MFG CO., Ltd.



Product Categories



Electric Control & Electric Device

- ANRITSU CORPORATION
- HEIDENHAIN
- HITACHI KOKUSAI ELECTRIC Inc.
- IDEC CORPORATION
- IWATSU
- METROL. CO., Ltd.
- NHV CORPORATION
- NISHIMU ELECTRONICS INDUSTRIES CO., Ltd.
- NORITAKE CO., Limited
- SANSHA ELECTRIC MANUFACTURING CO., Ltd.
- SEIWA
- SII NANO TECHNOLOGY In



Product Categories



Fire Prevention System / Lab Equipments

- FERROTREC CERAMICS CORPORATION
- HITACHI ALOKA MEDICAL, Ltd.
- HITACHI KOKI CO., Ltd.
- HITACHI MEDICAL CORPORATION
- MARUYAMA EXCELL CO., Ltd.
- MEISEI ELECTRIC CO., Ltd.
- NITTAN COMPANY, Limited
- YAMATO








Pressure gauges

Mechanical pressure measuring instruments at a glance



| Pressure gauges | | Overview | | | |
|---|--|---|---|--|---|
| Mechanical pressure measuring instruments at a glance | | | | | |
| | |  |  |  |  |
| | | Standard capsule pressure gauges | Capsule pressure gauges for chemical applications | Standard Bourdon tube pressure gauges for industrial applications | Stainless steel Bourdon tube pressure gauges for chemical applications |
| NG 40 | | | | | |
| NG 50 | | | | | |
| NG 63 | | * | * | * | * |
| NG 80 | | * | * | * | * |
| NG 100 | | * | * | * | * |
| NG 160 | | * | * | * | * |
| NG 250 | | * | * | * | * |
| Bottom process connection | | * | * | * | * |
| Centre back process connection | | * | * | * | * |
| Process connection both ends | | * | * | * | * |
| -25/0 mbar to -1,000/0 mbar | | * | * | * (-1 bar) | * (-1 bar) |
| 0/25 mbar to 0/1,000 mbar | | * | * | | |
| 0/0.6 bar to 0/1,600 bar | | | | * (max. 1,000 bar) | |
| 0/2,500 bar to 0/4,000 bar | | | | | Pressure gauges for high pressures |
| 0/10 mbar to 0/25 bar | | | | | |
| 0 °h)oo -°2 | | * | * | * | * |
| 0 °h)oo -° | | *** | | * | * |
| 0 °h)oo °2 | | | | | |
| 0 °h)oo °.1 | | | | | |
| Operating temperature range -20/+60 °C | | * | | * | * |
| Operating temperature range -20/+100 °C | | | * | | ** |
| Operating temperature range -20/+150 °C | | | | | ** |
| Relative pressure measurement | | * | * | * | * |
| Differential pressure measurement | | * | * | * | * |
| Measurement of gases | | * | * | * | * |
| Measurement of liquids | | * | * | * | * |
| Crystallising media | | | | * | * |
| Thermal engineering/pneumatics | | * | * | * | * |
| Process engineering | | * | * | * | * |
| Dkqoejc áhhejc \$chu_aneja(Ij)nbá% | | | ** | * | * |
| Safety version | | | | | Safety pressure gauges |
| Electrical contact | | | | ** | ** |
| Overload safety 10 x FSD | | * | * | * | * |
| >]_g á]jca | | * | * | * | * |
| ?h)l átejc | | * | * | * | * |
| /dkha átejc(I]jah ikqpejc ^avah | | * | * | * | * |
| Damping screw | | * | * | * | * |
| Reference pointer | | * | * | * | * |
| Maximum pointer | | ⊕ 250 mbar | ⊕ 250 mbar | * | * |
| Special scale | | * | * | * | * |
| Bezel for panel mounting | | * | * | * | * |

Chemical Seal

Chemical seals at a glance

| Chemical seal | | Overview | | | | | |
|--------------------------------------|---------------------------------------|---|---|---|--|---|---|
| Chemical seals at a glance | | | | | | | |
| | |  |  |  |  |  |  |
| | | MD 11 | KD 21 | MD 21 | MD 22 | MD 30 | MD 40 |
| Type | | Diaphragm seal | Piston type diaphragm seal | Diaphragm seal | Diaphragm seal | Diaphragm seal | Diaphragm seal |
| 2 Connection type | | Connection thread | Connection thread | Connection thread | Connection thread | Connection thread | Paper #range |
| 1/2" | Nominal diameter / process connection | * | | | * | | |
| 3/4" | | * | | | * | | |
| 1" | | | * | * | | | |
| 1 1/2" | | | * | * | | | |
| 2" | | | | * | | | |
| 2 1/2" | | | | | | | |
| 3" | | | | | | | |
| 3 1/2" | | | | | | | |
| 4" | | | | | | | |
| DN 25 | | | | | | | |
| DN 32 | | | | | | | |
| DN 40 | | | | | | DN 48 | |
| DN 50 | | | | | | | |
| DN 65 | | | | | | | |
| DN 80 | | | | | | | |
| DN 100 | | | | | | | |
| PN 10 | Pressure ratings | * | | | | | |
| PN 16 | | | | | | | |
| PN 25 | | | | | | | |
| PN 40 | | | | | * | | * |
| PN 65 | | | | | | | |
| PN 80 | | | | | | | |
| PN 100 | | | | | | * | |
| PN 160 | | | | | | | |
| PN 250 | | | | | * | * | |
| PN 600 | | | | * | * | | |
| PN 1,000 | | | * | * | | | |
| Sepd_kkhejo ahaiajp : ~, /? | Application areas | | | * | * | * | * |
| Sepd_lehh)nu pq'a : ~, /? | | | | * | * | * | * |
| Ljn)aj keh SB@=# | Filling liquid | | * | * | * | * | * |
| Neobee (FDA) | | | | * | * | * | * |
| Glycerine | | * | | * | * | * | * |
| Glycerine / water | | | | * | * | * | * |
| Silicone oil | | | | * | * | * | * |
| Halocarbon | | | | * | * | * | * |
| High-temperature oil | | | | * | * | * | * |
| Measurement of water and waste water | Application areas | * | * | * | * | * | |
| Measurement of oils | | | | * | * | * | |
| Measurement of heavy fuel oil | | | | * | * | * | |
| Measurement of chemicals | | * | | * | * | * | |
| Measurement of pulp materials | | | * | | | | * |
| Measurement of food | | | | | | | |
| Measurement of pharmaceuticals | | | | | * | * | * |
| Measurement of suspensions | | | * | * | * | * | * |
| Measurement of abrasive suspensions | | | * | | | | * |
| Measurement of crystallising media | | | | * | * | * | * |
| Special materials | Options | * | * | * | * | * | |
| Coatings | | | * | * | * | * | |
| Other designs | | | * | * | * | * | |
| Ipejc ajcao | | | | | * | * | |
| Seals | | | | | * | | |

Pressure Transducers

| Pressure transducers | | Overview | | | | | | | |
|---|-----------------------|---|---|---|---|--|---|---|---|
| | |  |  |  |  |  |  |  |  |
| | | DMU 600/20 | DMU 01 | DMU 02 | DMU 02 Vario | DMU 03 | DMU 04 | DMU 05 P | DMU 07 |
| Smallest measuring range | | 0/4 bar | 0/1 bar | 0/600 mbar | 0/1 bar | 0/100 mbar | 0/100 mbar | 0/100 mbar | 0/40 mbar |
| Largest measuring range | | 0/40 bar | 0/400 bar | 0/2,000 bar | 0/1,000 bar | 0/800 bar | 0/400 bar | 0/800 bar | 0/20 bar |
| 4-20 mA / HART | | + | + | + | + | + | + | + | + |
| 0-10 V | | + | + | + | + | + | + | + | + |
| 3 | | | | | | | | | |
| Ä Ö ! BOK | Output | + | + | + | + | + | + | + | + |
| Ä Ö ,1 ! BOK | Accuracy | | | | | | | | |
| Ä Ö ,71 ! BOK | Accuracy | | | | | | | | |
| Ä Ö ,~ ! BOK | Accuracy | | | | | | | | |
| Stainless steel | Wetted parts | | | + | + | | | | |
| Stainless steel, FKM | Wetted parts | | | | | + | + | + | |
| Stainless steel, ceramic (Al ₂ O ₃), FKM | Wetted parts | | + | | | | | | + |
| Stainless steel, silicon, glass, silicone | Wetted parts | + | | | | | | | |
| Aluminium, silicon, glass, silicone, PUF | Wetted parts | | | | | | | | |
| No pressure transmission liquid | Pressure transmission | + | + | + | + | + | + | + | + |
| Ljñbäj keh(B@= | Pressure transmission | | | | + | | + | | |
| Silicone oil | Pressure transmission | | | | | + | | + | |
| Connection thread | Process connection | + | + | + | + | + | + | + | + |
| Hygienic connections | Process connection | | | | | | + | | |
| Flanges | Process connection | | | | + | | | | |
| Submersible probes | Process connection | | | | | | | | |
| ISO 4400 connector | Electrical connection | + | + | + | + | + | + | + | + |
| M12 x 1 | Electrical connection | + | + | + | + | + | + | + | + |
| Fixed cable connection | Electrical connection | + | + | + | + | + | + | + | + |
| Cable gland | Electrical connection | | | | | | | | |
| Pailan]qna kb pda ia'eqi Ö ,, f? | Application areas | | + | + | + | + | + | + | + |
| Temperature of the medium < 100 °C | Application areas | + | | | | | | | |
| Temperature of the medium < -25 °C | Application areas | + | + | | | | | | |
| Pailan]qna kb pda ia'eqi Ö ,1 f? | Application areas | | | + | + | | | | + |
| Measuring range spread | Evaluation | | | | + | | | | |
| Indication of measured values | Evaluation | | | | | | | | |
| =PAT_anpeâ_lpa | Evaluation | | | + | | | + | + | + |
| SIL assessment | Evaluation | | **** | | | + | + | | |
| Negative pressure (vacuum) | Application areas | + | + | + | + | + | + | + | + |
| Relative pressure measurement | Application areas | + | + | + | + | + | + | + | + |
| Absolute pressure measurement | Application areas | + | + | | | + | + | + | + |
| Differential pressure measurement | Application areas | | | | | | | | |
| Measurement of water / waste water | Application areas | + | + | + | + | + | + | + | + |
| Measurement of oils | Application areas | + | + | + | + | + | + | + | + |
| Measurement of chemicals | Application areas | | | + | + | | | | + |
| Measurement of food | Application areas | | | | | | + | | |
| Measurement of pharmaceuticals | Application areas | | | | + | | + | | |
| Measurement of crystallising media | Application areas | | | | + | | | | + |
| Measurement of gases | Application areas | + | + | + | + | + | + | + | + |
| Measurement of liquids | Application areas | + | + | + | + | + | + | + | + |

Thermometers Mechanical

Mechanical temperature measuring instruments at a glance

| Thermometers mechanical | | Overview | | | | |
|--|----------------------------------|-----------------------------|----------------------|-------------------------------|----------------------------|-----------------------|
| Mechanical temperature measuring instruments at a glance | | | | | | |
| | | | | | | |
| | | Thermometers with capillary | Bimetal thermometers | Bimetal standard thermometers | Surface mount thermometers | Flue gas thermometers |
| 4 | Heating and plumbing | * | * | * | * | * |
| | Mechanical and plant engineering | | | | | |
| | Process engineering | | | | | |
| | Chemical applications | | | | | |
| | Food industry | | | | | |
| | Hygienic processes | | | | | |
| | Corrosive media | | | | | |
| | NG 40 | * | * | * | * | * |
| | NG 50 | * | * | * | * | * |
| | NG 52 | * | * | * | * | * |
| NG 63 | | * | * | * | * | |
| NG 80 | | * | * | * | * | |
| NG 100 | | * | * | * | * | |
| NG 160 | | * | * | * | * | |
| Lnkaha dkqoejc | * | | | | | |
| Ranges | -40/+40 °C | * | | | | |
| | -30/+50 °C | | | | | |
| | -20/+60 °C | | * | * | | |
| | -20/+40 °C | | | | * | |
| | 0/60 °C | | * | * | * | |
| | 0/120 °C | * | * | * | * | |
| | 0/160 °C | | | * | | |
| | 0/200 °C | | | * | | |
| Ö, +!, , f?? | | | | | * | |
| Accuracy | Class 1 (EN 13190) | | | | | |
| | Class 2 (EN 13190) | | * | * | * | * |
| | DIN 16195 | | | | | |
| Housing | Plastic | * | * | * | * | * |
| | Sheet steel galvanised | | | * | * | * |
| | Aluminium, eloxed | | | * | * | * |
| | Stainless steel 304 | | | * | * | * |
| Connection | Stem | | * | * | * | * |
| | Plug-on | | * | | | |
| | lkqipejc äljca | | | | | |
| | Flange | | | | | |
| | Fastening spring/clip | | | | * | |
| | Magnetic holder | | | | * | |
| Options | Capillary tube | * | | | | |
| | Other ranges | * | | * | * | |
| | Other connection designs | * | | | | |
| | Chu_aneja äthejc | | | | | |
| | Electrical contacts | | | | | |

Thermometers Electronic

Electronic temperature measuring instruments at a glance

| Thermometers electronic | | Overview | | | | |
|--|------------------------------------|---|---|---|--|---|
| Electronic temperature measuring instruments at a glance | | | | | | |
| | |  |  |  |  |  |
| | | Resistance thermometer WTh 20 | Resistance thermometer WTh 21 | Resistance thermometer WTh 22 | Resistance thermometer WTh 23 | Resistance thermometer WTh 24 |
| 4 | Heating and plumbing | * | * | * | * | |
| | Air conditioning/ventilation | | * | * | * | |
| | Pipeline engineering | | | * | * | |
| | Mechanical and plant engineering | | | | * | * |
| | Appliance engineering | | | | | * |
| | Chemical / process engineering | | | | | * |
| | Pharmaceutical / biotechnology | | | | | * |
| | Food industry / hygienic processes | | | | | * |
| | Corrosive media | | | | | * |
| | High temperatures | | | | | * |
| | High pressure loads | | | | | * |
| | Cable probe | * | | | | |
| | Fixed thread | | | | * | * |
| | Screwed pipe connection | | | | * | * |
| | Flange connection | | | | | |
| Clamp connection | | | | | | |
| Varivent connection | | | | | | |
| Weld-in thermometer | | | | | | |
| Pt 100, class A | | | | * | * | |
| Pt 100, class B | * | * | * | * | * | |
| 100 mm | | | | * | * | |
| 125 mm | | | | | | |
| 160 mm | | | | * | * | |
| Ø 1, ii | | | * | * | * | |
| Housing plastic | | * | * | | | |
| Housing aluminium | | | | * | * | |
| Wetted parts 316 Ti | * | * | * | * | * | |
| Wetted parts 316 L | | | | | | |
| Cable (wire ferrules) | * | | | | | |
| Cable gland | | * | * | * | * | |
| Plug connection | | | | | | |
| Other designs | * | * | * | * | * | |
| Other process connections | | | * | * | * | |
| Transmitter installation | | | * | * | * | |

Level Indicator

Level indicators at a glance

| Level | | Overview | | | | | | | | |
|---|--|---------------------------------------|---------------------------|-------------|-----------|-------------|-------------|----------------|-------------|---|
| Level indicators at a glance | | | | | | | | | | |
| | | IP/Lnkâh N | Unitop | DTA 10/20 E | DIT 10 | TankControl | CoFox® ELT | CapFox® EFT 20 | | |
| CT Indoor tanks Outdoor tanks Electrically isolating tanks Electrically conductive tanks Pressurised tanks Unpressurised tanks | Tanks | * | * | * | * | * | * | * | | |
| | Measuring range | < 1,000 mm | * | * | * | * | * | * | * | |
| | | Up to 2,000 mm | * | * | * | * | * | * | * | |
| | | Up to 2,500 mm | * | * | * | * | * | * | * | |
| | | Up to 2,900 mm | * | * | * | * | * | * | * | |
| | | Up to 3,000 mm | * | * | * | * | * | * | * | |
| | General media Liquid media Solid media (bulk solids) Powdery media Electrically isolating media Electrically conductive media Special media Fuel oil/diesel fuel (EN 590) Biofuel/biodiesel (EN 14214) Water AdBlue® | General media | * | * | * | * | * | * | * | |
| | | Special media | Liquid media | * | * | * | * | * | * | * |
| | | | Solid media (bulk solids) | | | | | | | * |
| | | | Powdery media | | | | | | | * |
| Electrically isolating media | | | * | * | * | * | * | * | * | |
| Electrically conductive media | | | * | * | * | * | * | * | * | |
| Fuel oil/diesel fuel (EN 590) | | | * | * | * | * | * | * | * | |
| Biofuel/biodiesel (EN 14214) | | | * | * | * | * | * | * | * | |
| Water | | | * | * | * | * | * | * | * | |
| AdBlue® | | | * | * | * | * | * | * | * | |
| Measuring principle Local display Limit level Continuous measurement Analogue output (4–20 mA, 0–10 V) Binary output (relay, PNP) EnOcean® wireless % liquid level % volume Liquid level in cm Liquid level in mm Litres m³ | Type | | Mechanical | Pneumatic | Pneumatic | Hydrostatic | Hydrostatic | Conductivity | Capacitance | |
| | Indication/signal | Local display | * | * | * | * | * | * | * | |
| | | Limit level | | | * | | * | * | | |
| | | Continuous measurement | * | * | * | * | * | * | * | |
| | | Analogue output (4–20 mA, 0–10 V) | | | | | * | * | * | |
| | | Binary output (relay, PNP) | | | | | * | * | * | |
| | | EnOcean® wireless | | | * | | | | | |
| | | % liquid level | | * | * | * | * | * | * | |
| | | % volume | | * | * | * | * | * | * | |
| | | Liquid level in cm | * | * | * | * | * | * | * | |
| Liquid level in mm | | | | * | * | * | * | * | | |
| Approval for construction products ATEX WHG approval Display unit DA 10/12/14 Display and control unit VarioFox® 24 Transducer MFU | Compliance | Litres | * | * | * | * | * | * | | |
| | | m³ | | | * | * | * | * | * | |
| | | Approval for construction products | | | | | | | * | |
| | | ATEX | | | | | | | * | |
| | | WHG approval | | | | | | | * | |
| | | Display unit DA 10/12/14 | | | | | | | * | |
| | | Display and control unit VarioFox® 24 | | | | | | | * | |
| | | Transducer MFU | | | | | | | * | |




Level Indicator

Selection table level indicators for process engineering by medium

| Level | | Overview | | | | |
|--|--|----------|-----------------------------------|---|--|--|
| Selection table level indicators for process engineering by medium | | | | | | |
| | | State | Relative dielectric constant (εr) |  PulsFox [®] PMG 20 |  SonarFox [®] UST 20 |  HydroFox [®] DMU 07/08/09 |
| Agriculture | Fertilizer (watered solution) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Manure | Liquid | Conductive | ◊ | ◊ | ◊ |
| 5 Construction materials | Calcium carbonate aqueous solution | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Cement | Solid | 1.5–10 | ◊ | – | – |
| | Ground, stone, sand, gravel | Solid | 2.5–5.0 | ◊ | – | – |
| | Powdered lime (CaO) | Solid | 1.6–2.2 | ◊ | – | – |
| | Slacked lime (lime hydrate) / lime milk (Ca(OH) ₂) | Liquid | Conductive | ◊ | ◊ | – |
| Chemical Industry | Ammonia (NH ₃) | Liquid | 17–25 | ◊ | – | ◊ |
| | Ammonium hydroxide (NH ₄ OH) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Ammonium chloride (NH ₄ Cl) aqueous solution | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Boric acid (H ₃ BO ₃) aqueous solution | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Carbon tetrachloride (CCl ₄) | Liquid | 2.3 | ◊ | ◊ | – |
| | Ether, diethyl-ether (C ₂ H ₅) ₂ O | Liquid | 3.1–4.4 | ◊ | ◊ | ◊ |
| | Formaldehyde (HCHO) in H ₂ O, formalin | Liquid | 23 | ◊ | ◊ | – |
| | Fluorosilicic acid ((H ₂ SiF ₆) ₂ in H ₂ O) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Glycerol (glycerine, propane 1,2,3-triol) (HOCH ₂ CH(OH)CH ₂ OH) | Liquid | 42.5–47 | ◊ | ◊ | ◊ |
| | Ethylene glycol ((C ₂ H ₄ O ₂) ₂) | Liquid | 37–41.2 | ◊ | ◊ | ◊ |
| | Hydrochloric acid (HCl) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Ferric chloride ((FeCl ₃) in H ₂ O) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Formic acid (HCO ₂ H) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Phosphoric acid (H ₃ PO ₄) | Liquid | Conductive | ◊ | ◊ | – |
| | Sodium chloride ((NaCl) in H ₂ O) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Sodium carbonate, soda (Na ₂ CO ₃) | Solid | 5.3–8.4 | ◊ | – | ◊ |
| | Sodium hydroxide, caustic soda ((NaOH) in H ₂ O) | Liquid | Conductive | ◊ | ◊ | – |
| | Sodium bicarbonate, baking soda (NaHCO ₃) | Solid | 5.7 | ◊ | – | – |
| | Sodium hypochlorite ((NaOCl) in H ₂ O), bleach | Liquid | Conductive | ◊ | ◊ | – |
| | Potassium permanganate ((KMnO ₄) in H ₂ O) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Potassium hydroxide ((KOH) in H ₂ O) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Sodium hydroxide ((NaOH) in H ₂ O) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Sodium bisulphite ((NaHSO ₃) in H ₂ O) | Liquid | Conductive | ◊ | ◊ | ◊ |
| | Sulphuric acid (H ₂ SO ₄), low concentrated | Liquid | 84 | ◊ | ◊ | – |
| | Sulphuric acid (H ₂ SO ₄), low concentrated | Liquid | Conductive | ◊ | ◊ | – |
| | Chloroform (CHCl ₃) | Liquid | 3.7–5.5 | ◊ | ◊ | – |
| | Trichloroethane (CH ₂ CCl ₃) | Liquid | 7.2 | ◊ | – | – |
| | Acetic acid (CH ₃ COOH), vinegar | Liquid | Conductive | ◊ | ◊ | – |
| | Painting and varnish agents diluted with water (non-explosive) | Liquid | Conductive | ◊ | ◊ | – |

Level Indicator

Selection table level indicators for process engineering by medium

| | | Overview | | Level | | |
|---------------------------------------|---|------------|-----------------------------------|--|---|---|
| | | State | Relative dielectric constant (εr) |  |  |  |
| | | | | PulsFox® PMG 20 | SonarFox® UST 20 | HydroFox® DMU 07/08/09 |
| Food and beverage | Beer | Liquid | Conductive | o | o | o |
| | Citric acid ((C ₆ H ₈ O ₇) in H ₂ O) | Liquid | Conductive | o | o | o |
| | Coconut oil | Liquid | 2.9 | o | o | o |
| | Palm oil | Liquid | 1.75 | o | o | o |
| | Animal fat | Liquid | 2.7 | o | o | o |
| | Lumpy fruit or vegetable | Solid | Conductive | - | - | - |
| | Cream, yogurt | Liquid | Conductive | o | o | - |
| | Milk | Liquid | Conductive | o | o | o |
| | Sugar syrup | Liquid | Conductive | o | o | - |
| | Margarine | Liquid | 2.8–3.2 | o | o | - |
| | Confectionery coating pastes, honey, jam, marmalade, liquid chocolate | Liquid | ~07 /7 A7 / | o | o | - |
| | Edible oil | Liquid | 3.9 | o | o | o |
| | Fruit juice | Liquid | Conductive | o | o | o |
| | Potato (whole) | Solid | Conductive | o | - | - |
| | Sodium chloride (NaCl), table salt, rock-salt | Liquid | 3.3 | o | - | - |
| Wine | Liquid | Conductive | o | o | o | |
| Power Plants | Fuel oil | Liquid | 2.1 | o | o | o |
| | Heated pakura (mazout) | Liquid | 2.2 | o | o | - |
| | Hot water in high pressure vessels | Liquid | Conductive | o | - | o |
| | Water in condensing vessels | Liquid | 80 | o | o | o |
| | Water level in supply water pool | Liquid | Conductive | o | o | o |
| Oil Industry | Crude oil | Liquid | 1.7–2.2 | o | o | o |
| | Shale oil | Liquid | 2.1 | o | o | o |
| | Grease (lubricant) | Liquid | 3.15 | o | o | o |
| | Diesel oil | Liquid | 2–2.5 | o | o | o |
| | Lubricant oil | Liquid | 2–2.5 | o | o | o |
| Paper Mill | Paper pulp | Liquid | Conductive | - | o | o |
| | Water | Liquid | Conductive | o | o | o |
| Plastic Industry | Granulated plastic | Solid | 1.1–2.8 | o | - | - |
| | Polyvinyl chloride (PVC) | Solid | 3.4 | o | - | - |
| | Polyethylene pellet | Solid | 1.5–1.8 | - | - | - |
| | Polystyrene | Solid | 2.2–2.6 | - | - | - |
| | Plastic powder | Solid | 1.3–1.8 | o | - | - |
| Water / waste water | Silicone oil | Liquid | 2.7 | o | o | o |
| | Drinking water in reservoirs | Liquid | Conductive | o | o | o |
| | Thermal water in cooling reservoirs | Liquid | Conductive | o | o | o |
| | Travelling bar screen control with diff. measurements | Liquid | Conductive | - | - | - |
| | Sjpan harah ej nerano bkn äkk' _kjpnh | Liquid | Conductive | o | o | o |
| | Water level in well | Liquid | Conductive | - | o | o |
| | Seawater | Liquid | Conductive | o | o | o |
| | Rainwater reservoir | Liquid | Conductive | o | o | o |
| Waste water in reservoirs or channels | Liquid | Conductive | o | o | o | |

Catalogue Portable Measuring Instruments

The BlueLine measuring instrument series at a glance

| Catalogue Portable Measuring Instruments | | Overview service instruments | | | | |
|--|---|---|---|---|---|---|
| The BlueLine measuring instrument series at a glance | |  |  |  |  |  |
| | | >HQAHUVAN OP | AQNKHUVAN OP | IQHPEHUVAN OP | STM 225 – BLACK EDITION | Series S4600 ST |
| Parameters/measured values | O ₂ | * | * | * | | |
| | CO (up to 6,000 ppm) | * | | | | |
| | CO (up to 10,000 ppm) | | * | * | | |
| | CO ₂ (calculated) | * | * | * | | |
| | NO | | *** | *** | | |
| | NO ₂ | | *** | *** | | |
| | NO _x | | *** | *** | | |
| | CO (40,000 ppm) | | | *** | | |
| | SO ₂ | | | *** | | |
| | Particulate matter | | | | * | |
| | Methane | | | | | |
| | Lnk'ija Sheinqaa' cjo% | | | | | |
| | Butane | | | | | |
| | Lambda | * | * | * | | |
| | Apl' abä_eaj_u + apl'_kabä_eajp | * | * | * | | |
| | Flue gas loss qA | * | * | * | | |
| | Temperature | * | * | * | | |
| | Pressure | * | * | * | | * |
| | Dew point | * | * | * | | |
| | Humidity in % | | | | | |
| Rrhqia äks | | *** | *** | | *** | |
| Typical applications areas | Is'joqna'ajpa kb ähpano' rajpeh'pek' oucpeio' 'q_p | | | | | * |
| | Measurements of production facilities, tanks | | | | | * |
| | Burner servicing (gas, oil, solid fuel systems) | * | * | * | * | * |
| | CO ambient measurement | * | * | * | | |
| | Servicing of water heaters | * | * | * | | |
| | Servicing of CHP systems | * | * | * | | |
| | Flue gas measurement | * | * | * | | |
| | Pressure measurement | * | * | * | | * |
| | Is'joqna'ajp kb ejhap' Inaoqna' äks Inaoqna' | | * | * | | * |
| | static pressure, nozzle pressure | | * | * | | * |
| | Pressure / vacuum measurement | * | * | * | | * |
| | Differential pressure measurement | | * | * | | * |
| | Vacuum measurement | | * | * | | * |
| | Pailan'iqna is'joqna'ajp Säqqa cjo' (ent' atpan'jh' sjhh'%) | * | * | * | | |
| | Temperature measurement (water) | | | | | |
| | Temperature measurement (moving objects) | | | | | |
| | Surface temperature measurement | * | * | * | | |
| | Differential temperature measurement | * | * | * | | |
| | Draft/chimney draft measurement | * | * | * | | * |
| | Ventilation loss measurement | | | | | |
| Flue gas loss measurement | * | * | * | | | |
| Heating system check | | | | | | |
| 4 Pa test | | | | | | |
| Gas leak detection | | | | | | |
| Gas concentration measurement | | | | | | |
| Flow rate measurement (water) | | | | | | |
| Approvals | Moisture measurement (material/moisture/indoor climate) | | | | | |
| | Air velocity | | *** | *** | | *** |
| | BlmSchV | | * | * | | * |
| | EN 60379-2 | | * | * | | * |
| | EN 15378 | | * | * | | * |
| KÜO | | * | * | | * | |

