



Astronic
Instrumentation value

Company Profile

Astronic
Instrumentation value

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... About Us

Astronic is a well-established private Egyptian firm with main specialty and activity in instrumentation, test, measurement and control equipment and systems. In addition to mechanical department for pumps, valves, tubes and fittings believes in integration and value added for their customers as well as partners as a matter of synergy

... Our Vision

Delivering the highest value to all customers by providing standard and customized cutting edge technological solutions. Step by step expansion in the region to satisfy all market needs wherever it exists and organizational objectives.

... Our Mission

Being regional market leader We are committed to continuously outperform ourselves by introducing best-in-industry practices and platforms, by compiling our experience with high quality solutions to deliver maximum added value to our customer and expending beyond their expectations.

... SCOPE OF WORK

- A/** Flowmeter Instruments
 Magnetic Inductive - UltraSonic - Rotameters - Thermal mass - Vortex
- A/** Pressure Instruments
 Smart Transmitters - Pressure Sensors - Pressure Switches - Pressure gages.
- A/** Level Instruments
 Transmitters (Ultrasonic - Rader - Float - Conductive etc.)
 Switches (Electrodes - Vibration - Float - Conductiveetc.)
 Indicators (Bypass - magnetic - Float ...etc.)
- A/** Temperature instruments
 Smart Transmitters - Temperature Sensors - PT100 - RTD.
 Temperature Switches - Temperature gages - Temperature Indicators.
- A/** Analytical instruments
 PH - Conductivity - Turbidity - Humidity - Residual Chlorine - Algae & Toxicity
- A/** Dewatering Pumps
 Wet & dry Pumps - Diaphragm Pumps - High Pressure Pumps - Hydraulic Submersible Pumps
- A/** Telemetry & Datalogger modules (GSM/GPRS)
 Monitoring and Remote-GPRS- Battery Powered modules - Data submission modules
- A/** Others
 Displays - Thickness gauges - dataloggers - leakage instruments - Relays - Limescale Filters
- A/** Custom made Panels & Monitoring Software solutions
- A/** Services
 Site Measurements - Calibration - Technical Survey - Installation commissioning & start up

... OUR PARTNERS



ULTRASONIC FLOWMETERS



Fixed clamp-on ultrasonic flow

Single Channel
Pipe diameter range:
10 mm to 3,000 mm
Sensor Temp.: -30 to +130 °C
Accuracy: 1%
Sensor Protection: IP68

KATflow 100



Fixed clamp-on ultrasonic flow

Dual Channel
Pipe diameter range:
10 mm to 6,500 mm
Sensor Temp.:
-30 to +250 °C
Accuracy: 1%
Sensor Protection: IP68

KATflow 150



Portable clamp-on ultrasonic flow

Single Channel
Pipe diameter range:
25 mm to 6,500 mm
Sensor Temp.: -30 to 130 °C
Accuracy: 1%
Sensor Protection: IP68
Battery: life up to 3 months operation

KATflow 210



Handheld clamp-on ultrasonic flow

Single Channel
Pipe diameter range:
10 mm to 3,000 mm
Sensor Temp.: -30 to 130 °C
Accuracy: 1% Sensor
Protection: IP68
Battery life up to 24 hours

KATflow 200



In line Ultrasonic flow ID-Link

Measuring range:
0.8 - 20...2.5 - 630 l/min liquid
pmax: 16 bar
tmax: 90 °C
Accuracy: ±0.7 %
Connection: 1/4 to 3 inch
Material: St. steel, brass

DUK



In line Ultrasonic flow

Measuring Range:
1/100 (0.1 to 10 m³/h)
Accuracy: 2 %
tmax: 70 °C
pmax: PN 16
Connection: from DN
15 to DN 32

JUMO flowTRANS US W01

MAGNETIC FLOWMETERS



Magnetic Inductive Flowmeter

Measuring range:
0.6 - 250 m³/h liquids
Accuracy: ± 0.5 %
pmax: 16 bar
tmax: +70 °C
Connection: flange DN
50-DN 100
Variety of lining & electrode material

MIS



Magnetic Inductive FlowMeter

Measuring range:
0.01 - 350 l/min liquids
Accuracy: ±0.8%
pmax: 16 bar
tmax: +140 °C
Connection: 1/4 to 2 inch
Variety of lining & electrode material

MIM



Electromagnetic flowmeter

Measuring range:
0.05 - 40,715 m³/h
Accuracy: ±0.3 %
pmax: PN40
Temp.: -20 to +150 °C
Connection: flange
DN10-DN1200
Variety of lining & electrode material

EPS



Electromagnetic flowmeter

Measuring range:
0.08 - 28274 m³/h
Accuracy: 0.5%
pmax: PN16
temp.: -5 to +90 °C
connection: flange
DN10 - 1200
Variety of lining & electrode material

PEM-1000



Electromagnetic flowmeter

Measuring range:
0.08 - 28274 m³/h
Accuracy: 0.5%
pmax: PN16
temp.: -5 to 90 °C
connection: flange
DN10 - 300
Variety of lining & electrode material

PEM-500



Plug-in magnetic-inductive flow

Measuring range:
0.2 to 10 m³/s
Pipe diameter: DN 15 to 400
pmax: PN 16
tmax: 110 °C
Input / Output: 4 to 20 mA

JUMO flowTRANS MAG I02

AIR/GAS/STEAM FLOWMETERS



Differential pressure

Op. pressure: up to PN100
Op. temperature: -50 °C to 450 °C
Accuracy: 0.075%
Sensor Material: St-steel
Process connection: Various conn.



Pitot Tube



Vortex Flow Meter

Measuring range:
3 : 9034 Nm³/h
Accuracy: ±1 %
pmax: PN 16, 40, 100
tmax: 260°C (400°C)
Connection: flange DN15 ... DN200,
Material: st-steel, Hastelloy

DVH



Orifice Plate Differential Pressure

pmax: PN6, 100
tmax: 500°C
Connections:
DN25/DN800
St-steel

ZPK



Thermal Energy Flow meter

Measuring Range:
7 : 3440 Nm³/h air
Accuracy: ±1.5 %
pmax: 100 bar
tmax: 180°C
Connection: G 1/2 ... G 2
Material: st-steel

KEC



Pitot Tube Differential Pressure

Measuring range:
0.32 : 350 Nm³/h air
Accuracy: ±1.5 %
pmax: 16 bar
tmax: 80°C
Connections: G 1/2 ... G 2
Material: st-steel

ANU



Gas Clamp-On Ultrasonic Flowmeter

Pipe diameter range:
25 : mm to 1500 mm
Temp range: -20 °C to +135 °C
Protection: IP 66

KATFLOW 180

FLOW SWITCHES



Paddle Bellows Flow Monitor

Switching range:
0.17 : 165.7 m³/h water
pmax: 11 bar (brass), 30 bar (st-steel)
tmax: 120°C
Connection: insertion
Material: brass, st-steel

FPS



Paddle Bellows Flow Monitor

Switching range:
1 : 3600 m³/h water
pmax: PN16
tmax: 100°C
Accuracy: ±3 : ±5 %
Connections: 1/2 to 20 inch
Material: brass, st-steel

DWN



Paddle Switch

Switching range:
66 : 333 l/min water
pmax: 100 bar
tmax: 110°C
Connection: G 1/2
Material: brass, st-steel

PSE



Calorimetric indicator & Switch

Switching ranges:
4 : 200 cm³/s
pmax: 100 bar
tmax: 80°C
Connection: insertion
Material: st-steel

KAL-K



Variable Area Flow Meter

Measuring range:
0.05 : 24 l/min water
Accuracy: ±4 %
pmax: 250 bar
tmax: 100°C
Connections: 1/2 to 2 inch
Material: brass, st-steel

SWK



Calorimetric flow sensor & Switch

Measuring range:
0 to 300 cm³/s
Temp. range:
-25 to +90 °C
Pressure: PN 75
Output: 4 to 20 mA

JUMO PINOS L02

OTHER FLOWMETERS



Variable Area Flow Meter

Measuring range:
0.5 : 130000 l/h water
0.015 : 2400 Nm³/h air
pmax: PN40
tmax: 150°C
Accuracy: ±1.6 %
Protection: IP67
Connection:
flange DN15-DN150
Material: st-steel



BGN



Flag Flow Meter

Measuring range:
0.5 : 1500 m³/h water
Accuracy: ±2.5 %
pmax: PN40
Temperature range:
-40 : +200°C
Connection: water flange
DN25-DN500
Material: steel, st-steel



TSK



Variable Area Flow Meter

Measuring range:
0.1 : 300 l/h water
3.0 : 6000 Nm³/h air
Accuracy: ±3 %
pmax: up to 420 bar
tmax: +130°C
Connection: 1/4" NPT
Material: st-steel



KDS



Variable Area Flow Meter

Measuring range:
1 : 50 000 l/h water
0.02 : 500 Nm³/h air
pmax: 16 bar
tmax: 100°C
Connection: flange DN15-40
Material: cast iron, St-steel



URK



Positive Displacement Oval Gear Flow Meter

Measuring range:
150 : 2500 l/min liquid
Accuracy: ±0.2 %
pmax: 400 bar
tmax: 150 °C
Connection:
flange DN25 : 100
Material: aluminium,
St-steel



DON



Mass Flow Meter

Measuring range:
0 : 3200 t/h
Accuracy: ±0.1 %
pmax: PN40
Temp range: -40 : 260°C
Connection: flange
DN10 : 400
Material: St-steel Hastelloy



TMU



Turbine Wheel Flow Meter

Measuring range:
0.11 : 2700 m³/h
Accuracy: ±0.5 %
pmax: 250 bar
tmax: 120°C
Connection: flange
DN15 : DN300
Material: St-steel, carbon
steel



DOT



Vortex Flow Meter

Measuring range:
0.5 : 100 l/min water
Accuracy: ±2.5 %
pmax: 20 bar
tmax: 80°C
Connection: G 1/4 - G 1, 1/4
Material: brass, St-steel



DVZ



Rotating Vane Flow Indicator

Indicating range:
0.03 : 150 l/min water
pmax: 16 bar
tmax: 110°C
Connection: flange
DN15 : DN50
Material: brass, St-steel



DAF



Plug-in paddlewheel flow sensor

Measuring range:
0.3 to 10 m/s
pressure: PN 10
Temperature: 80 °C
Output: Pulse frequency, 0
to 300 Hz



JUMO flow
TRANS PW 101



Variable Area Flow Meter & Switch

Switching range:
0.2 : 120 l/min water
Accuracy: ±5 %
pmax: 250 bar (brass),
350 bar (st-steel)
tmax: 100°C
Connection: G 1/4 to G 1
Material: brass, St-steel



SMO



Variable Area Flow Meters

Measuring range:
15 : 60000 l/h water
0.8 : 2500 m³/h air
pmax: 16 bar
tmax: up to 100°C
Connection: 1/2" G + 3/4" G
Material: tregamide-T,
polysulfone



KSM

PRESSURE INSTRUMENTS



Smart Pressure Transmitter

Measuring range:
Up to 1000 Bar
Accuracy: 0,075 to 0,04%
Material:
Aluminum, St. steel
Connections: 1/2" Flush
diaphragm, diaphragm
seals

APLISENS

APC-2000ALW



Differential Pressure

Measuring range:
Up to 70 Bar
Accuracy: 0,075 to 0,04%
Material: Aluminum, St-
Steel, Hastelloy Or Tantalum
Connections: 1/2" Flush
diaphragm, diaphragm
seals

APLISENS

APR-2000ALW



Pressure transmitter with wireless data transmission

Measuring range:
-1 to +600 bar relative
0 to 25 bar abs.
Temperature: -30 to +85°C
Output: Radio signal to
receiver

JUMO

JUMO Wtrans p



Differential pressure

Measuring range:
Up to 25 Bar
Accuracy: 0,25%
Material: St. steel
Connections: 1/2" NPT, 1/2" G
diaphragm seals

APLISENS

PRE-28



Smart pressure Transmitter

Measuring range:
-1 to +600 bar
Accuracy: $\pm 0,075\%$
Material: St. steel,
Hastelloy, tantalum
Connections: 1/4" - 1/2" NPT

KOBOLD

PAS



Smart Pressure Transmitter

Measuring range:
Up to 1380 Bar
Accuracy: 0,1%
Material: St. steel
Connections: 1/2" Flush
diaphragm, diaphragm
seals
Output: Modbus + HART
protocol

APLISENS

PCE-28



Electronic pressure switch

Measuring range:
-1: 600 bar
Accuracy: $\pm 0,3\%$
tmax: +85°C
Connection: G 1/4
Material: St. steel
Output: Analog & switch

KOBOLD

PSD



Diaphragm Mechanical pressure switch

Switching range:
0,07 - 160 bar
Connection: G 1/4, 1/2" NPT
Material: St. steel
Repeatability: <1 % of
switch point

KOBOLD

SCH-27



Diaphragm Mechanical differential pressure switch

Switching range:
0,3 - 10 bar
Connection: G 1/4, 1/2" NPT
Material: St. steel
Repeatability: <1 % of
switch point

KOBOLD

SCH-28



Bourdon Tube Pressure Gauge

Measuring range:
-1: 1000 bar
Accuracy class: 1,0 or 1,6
Connections: G 1/4, G 1/2
Material: St. steel

KOBOLD

MAN-R



Diaphragm Pressure Gauges

Measuring range:
-250 - 40 bar
Accuracy class: 1,0
Connection: G 1/4
Material: St. steel

KOBOLD

MAN-P



Pressure Gauge with diaphragm seal

Measuring range:
-1: 400 bar
Accuracy: 1 %
Connections: diaphragm
seal
Material: St. steel

APLISENS

MS-100K

LEVEL INSTRUMENTS



Conductive Level

Electrodes:
up to 6 electrodes
Pmax: 30 bar
Tmax: 150°C
Connection: G 1/2, G 3/8
Material: St. steel
Hastelloy, titanium



NES



Vibration Switch

Viscosity:
up to 5000 mm²/s
Pmax: 45 bar
Tmax: 130°C
Connection: various
conn.
Material: St. steel



NWS



Ultrasonic Level

Measuring range:
up to 25m
Pmax: 3 bar abs
Tmax: 90°C
Connection: Flange DN80,
125, 150
Material: polypropylene

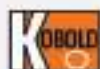


NUS



Guided Radar Level Transmitter

Measuring range:
up to 20m
Accuracy: 0.03 %
Pressure range: -1 : 40 bar
Temperature range:
-50 : 250°C
Connection: G 1/2, flange
DN40 : DN100
Material: St. steel



NGM



Dual Magnet Float Level Switch

Cable length: up to 20m
Pmax: 0.35 MPa
Tmax: 85°C
Protection type: IP68



NAB



Non-contact Radar Level Transmitter

Measuring length:
up to 23 m
Accuracy: ±3 mm
Pmax: 25 BAR
Tmax: 180°C
Material: St. steel



NRM



Smart Hydrostatic Level transmitter

Measuring range:
up to 20m
Accuracy: 0.18%
Connection: Thread or
flange mounted sensor
Material: St. steel
Output: 4-20 mA + HART
protocol



APC 2000 ALW/L



Float Magnetostrictive

Measuring length:
300 : 4000 mm
Accuracy: ±1 mm
Pmax: PN10
Tmax: 70°C
Connection: G 2, 2" NPT
Material: St. steel



NMT



Hydrostatic Level Probe

Measuring range:
500 mH₂O
Accuracy: 0.2%
Connection: cable
up to 25m
Material: Hastelloy, St.
steel diaphragm
Smart type available



SGE-25



Float Bypass Switch

Density: 700 to 1400 kg/m³
Temperature:
-30 to +150 °C
Pressure range:
-1 to 46 bar



JUMO NESOS R03 LS



Float Level switch

Explosion proof version
protection: IP66/68
pressure: 40 bar
Material: Aluminium, St.
steel



ERH



Float Transducer-Feed Chain

Measuring length: up to 6m
Accuracy: 0.1 %
Pmax: 30 bar
Tmax: 130°C
Connection: flange
DN40 : DN125,
Material: St. steel



MM

TEMPERATURE INSTRUMENTS



Immersion Thermocouples

Measuring range:
-200 : 1100 °C
Accuracy class: 1 or 2
Pmax: 250 bar
Connection: thread,
flange, weld-in sleeve
Material: St, steel, alloys

TTL



Measuring probe for HUM, temp., and CO2 with wireless data transmission

Humidity Range:
0 to 100 % rH
Temp. Range: -50 : 150 °C
CO2 Range: 0 to 10000 ppm
Output: Radio frequency

JUMO Wtrans E01



Safety Thermometers with Contact

Measuring range:
-20 : 600 °C
Accuracy class: 1.0 or 1.6
Connection: back or
bottom, G 1/2 - G 1, 1/2 - 1"
NPT
material: aluminum, St,
steel, plastic, steel

TNS



Precision Hand-Held Thermometer

Measuring range:
-50 : 1768 °C
Probe: thermocouples or
Pt100
Accuracy: ±0.03 %
Options: logger, alarm,
control function

HND-T105



Temperature Transmitter

Measuring range:
-7 : 500 °C
Process connection: G1/2"
Immersion length: 100mm
ATEX certification
Programmable measuring
range

APT-2000 ALW



Surface-mounted thermostat

Tmax: 500 °C
Switching capacity:
16 A, 230 V

JUMO exTHERM-AT



Temperature Sensor

Measuring range:
-50 : 100 °C
Process connection:
G1/2"
Immersion length:
50 : 1000mm

PT-25



Bi-metal Thermometer

Measuring range:
-50 : 600 °C
Accuracy class: 1.0
Pmax: 25 bar
Connection: various conn.
Material: St, steel

TBE



Humidity and temperature transmitters

Temperature range:
-70 : 80 °C
Humidity range: 0 to 100
% RH,
Output: up to 2 channels

Intrinsically safe industrial measuring probe



Head-mounted smart temperature transmitter

Temperature:
-25 : 75 °C
Output: 4...20mA +
Hart protocol
Programmable
measuring range

LI-24G



Temperature Transmitter

Measuring range:
-200 : 1768 °C
Input: Pt100
Output: 4 - 20 mA

KM



Electronic Temperature sensor

Measuring range:
-50 : 125 °C
Accuracy: ±0.5 °C
Connections: various conn.
Material: St, steel

TDA

ANALYTICAL INSTRUMENTS



PH Sensor/Transmitter

PH Range: 0 to 14
Glass Shaft, Pt100, HT glass
Inputs: Up to 2 analog input / 2 binary inputs
Outputs: Up to 3 analog, 1 relay

JUMO

JUMO dTRANS pH 02/
tecLine PH electrode



Inductive conductivity Transmitter

Measurands: Inductive conductivity
Outputs: 2 outputs and 2 potential-free contacts

JUMO

JUMO CTI-500



Optical turbidity Sensor/Transmitter

Measuring ranges: 0 to 4000 NTU
Output: up to 2 analog outputs, 2 relays
Material: PVC

JUMO

JUMO ecoLine NTU



DO Optical Sensor/Transmitter

Measuring range: 0 to 20 ppm (mg/l)
Output: up to 2 analog outputs, 2 relays
Material: PVC, PC

JUMO

JUMO AQUIS 500 RS/
digiLine O-DO S10



Portable digital measuring device

Measurands: pH, redox, temperature, or conductive conductivity
Accuracy: 0.1%

JUMO

Portable digital measuring device



Intelligent Spectral Analyser

Measuring method: UV/Vis parameters: Biochemical oxygen demand (BOD), Chemical oxygen demand (COD), Total organic carbon (TOC), Dissolved organic carbon (DOC)
Open Temp: -20 °C - 45 °C

GO

ISA - UV/Vis Spectrometer System



The measurement and control system

Measuring method: optical / fluorescence
Parameters: Oil in water / Refined fuels in water
Measuring range: up to 300 ppm
Temp: -5 °C - 55 °C

GO

Bluebox T4/ BlueTrace



The measurement and control system with multi sensor Head

Parameters: Conductivity/ Temperature/ Salinity/ TDS/ pH/ ORP/ DO
Temp. range: -5 °C - 45 °C

GO

Bluebox T4/ Multi Sensor Head



Humidity / Temperature Measurement

Temp. range: -40 - 180 °C
Humidity range: 0 - 100% (RH)
Accuracy: ± (1.5 + 1.5% of reading)
max: 15 bar

KOBOLD

AFK-E



Chlorophyll and Cyanobacteria Portable Measuring Instrument
Measurement of algal concentrations via fluorescence, Automatic turbidity compensation, GPS coordinates

bbe
moldaenke

AlgaeTorch



Toxicity Detection

sensitive to a wide range of toxins
alarm reports via SMS and e-mail

bbe
moldaenke

ToxProtect 64



Online Biomonitoring Using Green Algae

Measurands:
Conc. of green algae/L
Conc. of cyanobacteria/L
Conc. of cryptophytes/L
Conc. of diatoms/L

bbe
moldaenke

AlgaeToximeter II

TELEMETRY MODULES GSM/GPRS



inventia

Compact Module
Inputs/Outputs:
16 binary inputs
12 binary outputs
4 analog inputs 4-20mA
2 analog inputs 0-10V
Serial ports: RS-232/485
RS-232 port
Features:
Ethernet port Data
logger microSD Dual SIM

MT-151



inventia

Communication Gate
Inputs/Outputs:
4 binary inputs
2 binary outputs
serial port: Isolated
RS-232 or RS-485
Non-isolated RS-485
Features: Ethernet port
Data logger microSD
SMS gateway

MTX-2050



inventia

Battery Module

Inputs/Outputs:
5 binary inputs
3 analogue inputs
2 binary outputs
Features:
intelligent data logger
lid opening sensor

MT-723PT

METEOROLOGICAL TECHNOLOGY



GILL

**Ultrasonic Wind
Sensor for high speed**

Wind speed: 50m/s
Opera. temp:
-55°C to +70°C
Accuracy: ±2%
Construction: Stainless
Steel

Wind Observer 90



GILL

**Multi-parameter
weather stations**

Wind Speed:
0.01 m/s to 60 m/s
Opera. Temp:
-40°C to +70°C
Humidity Range:
0-100% RH
Pressure Range:
300 to 1100 hpa

MaxiMet GMX 600



GILL

**Multi-purpose
Ultrasonic wind sensors**

Wind speed: 60m/s
Opera. Temp:
-40°C to +70°C
Accuracy: ±2%
Construction: Aluminium
Alloy

Wind Sonic M

DISPLAYS & CONTROLLERS



JUMO

**Paperless recorder
with touchscreen**

Digital inputs: Up to 5
analog/ digital inputs
Outputs: up to 2
analog outputs, 12
digital inputs/outputs

**JUMO
LOGOSCREEN 601**



JUMO

**Control temperatures,
pressures, and other
process variables**

Measuring inputs: Up to
2 analog/ 4 digital inputs
Outputs: 2 relays; 2 logic
outputs

JUMO dTRON



JUMO

**Two-Channel/Four-Channel
Process and
Program Controller**

Digital inputs: 7 digital
inputs for potential-free
contacts
Outputs: Max: 12 internal

JUMO DICON Touch



APLISENS

Display

Input signals: Pt100
Display range:
-999 to 9999
Opera. Temp.: 0-50°C
Power supply: 230 V AC

Display ww-30T



APLISENS

**Compact multichannel
controller**

data logging
capabilities analog /
digital / universal inputs
/ thermocouple / RTD
/ counter / flowmeter/
ratiometer inputs

PMS 111



KOBOLD

**Counter / Preset
Counter**

Input: 3 digital input
Contacts: 1 change over
relay and 1 N/O
Supply: 24-230 VAC/DC
Sensor supply: 24 VDC

DAG-Z2

OTHERS



JUMO

Central processing unit for automation system with optional wireless interface

Modules: A large selection of connection modules with high-quality, configurable analog inputs and reliable independent PID controllers with autobalancing function

JUMO variTRON 300



APLISSEN

Electropneumatic positioner

Possibility of remote assembling of positioner
Position transmitter
Programmable speed of movement of the actuator's piston rod
Possibility of manual controlling of position of actuator's piston rod

APIS



USRADAR INC

GPR ground penetrating radar

Transmitter: Stepped Ultra Wideband Triple Frequency
Range: > 130 db
Depth: up to 9m
Effective Bandwidth (typ.): > 4 GHz

Quantum Imager Triple Frequency GPR System



JUMO

IoT platform for secure process management

Data security: end-to-end encryption (HTTPS, MQTTS/TLS). Transport protocol: MQTT

JUMO Cloud



CHECKLINE

Ultrasonic Wall Thickness

Resolution of 0.001 inch
User can select from 11 preset materials as well as program 2 custom material velocities
probes for a variety of applications (1 to 10 MHz)

TI-25MX



JUMO

Central processing unit for an automation system

Interfaces: 2 USB host, 1 Ethernet, system bus
Modules: Up to 64 intelligent connection modules, panels in various format

JUMO variTRON 500



JUMO

Central processing unit

Interfaces: USB device, Ethernet, system bus
Features: Process mapping for up to 30 input and output modules, integrated web server, 64 limit value monitoring functions

JUMO mTRON



JUMO

Hygrometric

Measurement medium: Air, pressureless (non-aggressive)
Measuring range: 30 to 100 % RH
Version: Indoor and duct version

Hygrostats



JUMO

Software for process monitoring and control

Data security: (HTTPS, MQTTS/TLS). Drivers and protocols: OPC UA/DA, Modbus TCP/RTU, MQTT, Beckhoff ADS.NET,....

JUMO smartWARE SCADA



Esders

Programmable pressure logger

Pressure range: up to 25 bar
Temperature range: -35 °C to +50 °C
Accuracy: 0.1%
Protection: IP68
capacity: Up to 6 months
Rechargeable battery

DruckLogger DL 4



Esders

Laser Leak Indicator

Calibration gas: Methane (CH₄)
Reaction time: 0,1 seconds
Operating time: 8 hours per charge
Scanning range: up to 50 m
Temperature range: -17 °C to 50 °C
Rechargeable Battery

ELLI



Esders

Portable Pressure Logger

Pressure Range: up to 15 bar
Accuracy: 0.5%
Operating temperature: -10 to +40 °C
Protection: IP 67
Data storage: 2,000,000 measured values
Sensor length: 100 m
LTE data transmission and GPS position data storage

Smart memo

DEWATERING PUMPS



Ultra-high efficiency pump with fast dry-priming and automatic re-priming.
Up to 18 inches solids handling
High air handling and vacuum capability with air cooled system
deekes and abrasion resistant tungsten carbide seals.
Various diesel or electric motor options

**Solids Handling
Pumps Dry Prime (JSV)**



Wet priming/Self-priming.
Up to 1.75 inch solids handling
Anti-corrosive aluminum pump housing.
Portable close-coupled design available with gas or diesel engine

**Utility Trash Pumps
Wet Prime (T)**



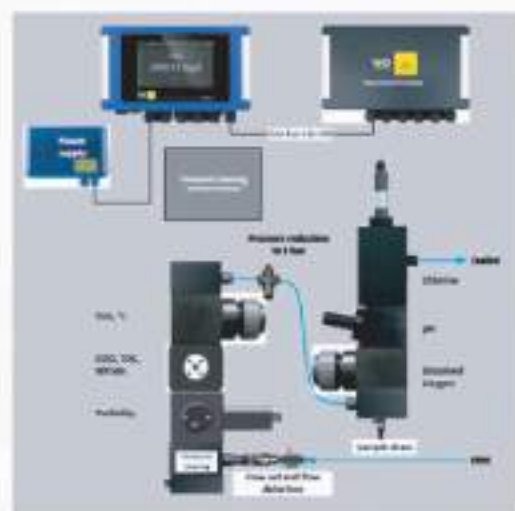
Capable of dry-priming and automatic re-priming
Large solids handling up to 18 inches
Available with compressor assisted dry-priming using the exclusive Enviroprime System™
Auto-start control and safety shutdown.
Can be equipped with diesel, electric or alternative fuel engines
For dewatering application

**Solids Handling Dry Prime,
Compressor Assisted (JSC)**

DOSING PUMP SYSTEM



ANALYTICAL SYSTEM





... MAINTENANCE:

Astronic is exactly the supplier you're looking for. We don't just sell products, we also make sure that you're happy with us and our products after you have made the purchase

... CALIBRATION:

One of the most popular services that we offer is calibrating your devices to the optimum level, enabling you to leverage the full potential of measurement technology.

... TECHNICAL SUPPORT:

Our Technical Support team assists you during the startup and operation of our devices, helps in detecting errors, and always has optimization tips and tricks readily available.

... INSTALLATION AND START UP SERVICE:

We support our customers with the startup of our devices so that these deliver maximum performance. All of this has the goal of helping you to operate your plants in the most productive way possible.

... Sample of Our Customers



... Services & Site Work

