

PRODUCT OVERVIEW

- •ELECTROMAGNETIC FLOWMETER
- PIEZOMETER / DIGITAL WATER LEVEL INDICATER
- •SOUNDER/ PORUS TUBE
- AIR QUALITY ANALYZER
- GAS ANALYSER
- •WATER ANALYZER
- WEATHER MONITERING SYSTEM
- •MASS FLOWMETER
- •ULTRASONIC FLOWMETER
- 1. HAND HELD
- 2. INLINE







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ELECTROMAGNETIC FLOWMETER

BODY-----

ENCLOUSER MATERIAL(HOUSING) :- Flameproof, IP65 / IP66

INSTRUMENT DETAILS : - SPECIFICATIONS

Flange Connection -: ASA 150 RF 16.5 Table

MATERIAL BODY :- MS/ SS ELECTRODE :- SS 316L FLANGE :- MS/ SS

LINEAR :- PTFE (TEFLON)

ACCESSORIES-----

DIRECTION OF THE FLOW: Direction Of Arrow On Meter UPSTREAM STRIGHT LENTH: 25 to 600 *DN (meter size)

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CABLE ENTRY:- 2 no. ¾ " ET Double

Operating Temp. - 0 to 85 C

Operating Pressure - 0 to 10kg / cm2 max

SUPPLY-----

- Display 16X2alphanumeric LCD Display
- •Power Supply 220V, 50Hz
- •Output 4 20mA, RS 485 (Optional)
- •Minimum Conductivity 5u Siemens / CM



ULTRASONIC FLOWMETER



TECHNICAL SPECIFICATION:

•Principle:-Transit-time

•Accuracy :- 1%

•Display :- 4×16 character with back light

•Language :- English, Italian, French, Spanish

•Interface :- RS232

•Data Storage:- Built-in 32 Mbit logger

•Pipe Material:- Carbon steel, stainless steel, cast iron, copper, PVC

•Measuring Range :- DN25~DN6000mm

•Liquid :- Water, sewage, etc.. (Full of pipeline)

•Flow :- Velocity 0~±7m/s

Power supply:- Built in rechargeable Ni-MH batteries, 12 hours'

•operation :- (Continuous)

•Power Consumption :- 1.5W

•Housing :- ABS

•Dimension:- 200*93*32mm

NOTE:

•Clamp-on Ultrasonic Flowmeter: A non-invasive type of flowmeter that can be installed on the outside of a pipe without interrupting the flow.





MASS FLOWMETER



TYPE:- Coriolis flowmeter Technical datasheet Applications-----

- Crystallising, solidifying and cryogenic products
- Tanker loading
- General purpose applications
- CIP and SIP >130°C
- Liquid Natural Gas (LNG)
- Supercritical gases

Operating Environment-----

Atmospheric pressure: 85kPa~106kPa Ambient temp.: 25 deg C

Relative humidity: 5%~95%, non-condensing

TECHNICAL-----

.Measuring principle Coriolis mass flow Application

Mass flow and density measurement of fluids, gases and solids

.Measured values

Mass, density, temperature Material of .Construction Stainless

Steel 316L 08...200

Compact / remote 100 bar g @ 20°C / 1450 psig @ 68°F

Temp. range -70°C...+230°C / -94°F...+446°F

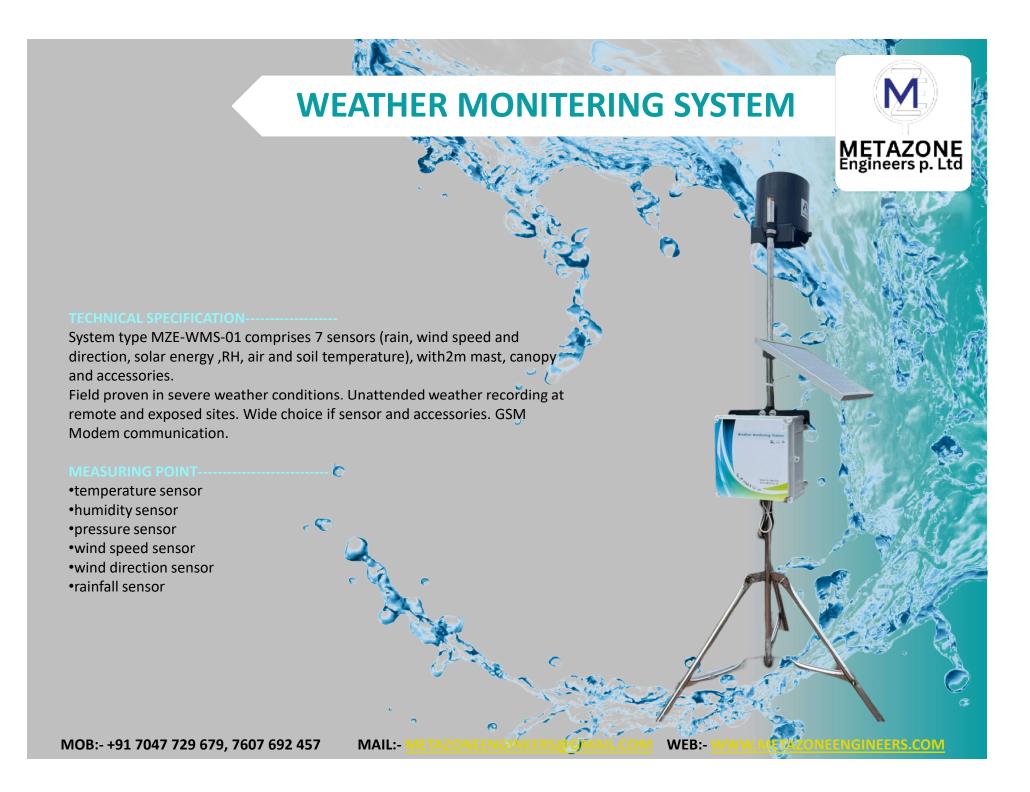
.Reference conditions

Calibration fluid: Water

Calibration temperature: +20°C / +68°F (± 5°C) Calibration pressure: 1...6 bar g / 14.5...87 psig



GAS ANALYZER METAZONE Engineers p. Ltd •NO, SO2, CO, CO2, CH4 Measurement Available •Wide measurement range: from 0–5 ppm to 100% •Excellent zero-point stability: ±0.5% FS per week •Simultaneous and continuous measurement of up to 5 components •Compact and lightweight: 483 (W) \times 133 (H) \times 382 (D) mm, \leq 13 kg •Simple structure for ease of maintenance Built-in magnetic or galvanic O2 sensor (optional) In-situ oxygen analysis requires no gas sampling device •Easily replaceable zirconia element •Fast response (4 to 7 seconds) •IP66 or IP67 enclosure Operation available without opening the cover MOB:- +91 7047 729 679, 7607 692 457 IEENGINEERS@GMAIL.COM WEB:- WWW.METAZONEENGINEERS.COM



SOUNDER WITH PORUS TUBE



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DESCRIPTION OF EQUIPMENT---

- EPP-10/1 Porous tube
- EPP-10/2 Stopper
- EPP-10/3 Top Adapter
- EPP-10/6 Water level sounder
- EPP-10/4 Standpipe
- EPP-10/5 Joint for PVC Tubing
- EPP-10/7 Pipe cap assembly
- EPP-10/8 Top cap (50 mm nominal bore)
- EPP-10/9 Protective pipe (50 mm
- nominal bore)
- EPP10/10 Lockable protective manhole cover
- ORDERING CODE:
- EPP-10/6-L-X [L= length, X = unit (m or ft)]

FEATURE-

- •Porous tip (L):- Casagrande tip, 37 mm o.d., 25 mm i.d., 20, 40, 60 cm long covered with geo-textile
- •Standpipe:-25 mm o.d., with wall thickness 1.5 mm PVC pipe in suitable length
- •Resolution:- 0.1" standardLength 'L' (m):- 30, 50, 100, 150, 200, 300
- Length 'L'(ft):- 50, 100, 150, 300, 500
- •Tape/Cable Size :- 10 mm wide x 2 mm thick
- •Probe :- Stainless steel 12.7 mm dia.
- •Audio Signal : Sound buzzer
- Visual Signal:- Green LED light signalPower Supply:- 9 V PP-3 size battery

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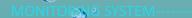
AIR QUALITY MONITERING SYSTEM





Metazone

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Principle Laser Scattering Parameters PM 2.5 & PM 10 Resolution Range Range Input Voltage: - 0.1 ug/m3 Renge: - 0-1000 ug/m3 Voltage: 220V AC 50 Hz Sampling: - Real Time

SALIENT FEATURE-----

- •PM 2.5 / PM 10 Ambient Air Quality Monitor is highly accurate
- •and retiable. Particulate Monitoring in ug/m' is measured through laser scattering.
- Accurate & Reliable Readings
- •Graphical LCD for easy monitoring & navigation
- •Rugged & Robust design suitabel for industrial environment

WATER ANALYSER



TECHNICAL SPECIFICATION

- Parameters Support BOD, COD, TSS, pH, Flow Rate (Optional)
- •Additional Parameters:- As per Requirement
- •BOD Range:- 0-500 mg/l
- •COD Range:- 0-500 mg/l
- •TSS Range:- 0-500 mg/l
- •pH Range:- 2-12, 0-14 (Optional)
- •Method:- UV Correlation
- •Parameters Accuracy:- +/-5%
- •pH Accuracy :- +/- 0.1 pH
- •Sample Flow:- Recommended 0-2 I/min
- •Sample Pressure:- Recommended 0-1 Bar
- Operating Temperature: 0 70 °C
- •Sample Interval:- Customizable 5 min & above
- Cleaning Interval: Customizable 2 min & above
- •Data Logging:- Internal
- •Memory:-8GB
- •Maintenance Interva;-I 3 months Recommended
- •HMI Size:- 7.0 inch touch screen
- •HMI Resolution:- 800×480 pixel
- •Communication;- RS485
- •Telemetry :-Yes via RTU
- •Certification:- CE
- •Enclosure :-Mild Steel
- •Dimensions:-800 x 600 x210 mm



MAIL:-

WE'VE MADE A DEAL





























ABOUT US

Metazone Engineers Private Limited (ISO 9001:2015) is a next generation young entrepreneurship engineering firm and Leading manufacturer & supplier of measuring instruments like Electromagnetic Flow Meter, Digital Water Level Recorder (Piezometer), Ultrasonic flow meter ETC.

The organization has started its journey in 2009. With the steady pace and its exponential growth it has become industry Competitor within a very short span of time. Metazone has built strength of executing customized solutions.

We help our customers in adopting technology advancement to maximize their Return on Investment with zero-tolerance qualitative approach. We are committed to maintain high standards of quality across the engineering and technology industry. It shall be achieved through customer satisfaction by ensuring consistency in our products with on-time delivery and after sales support.

