

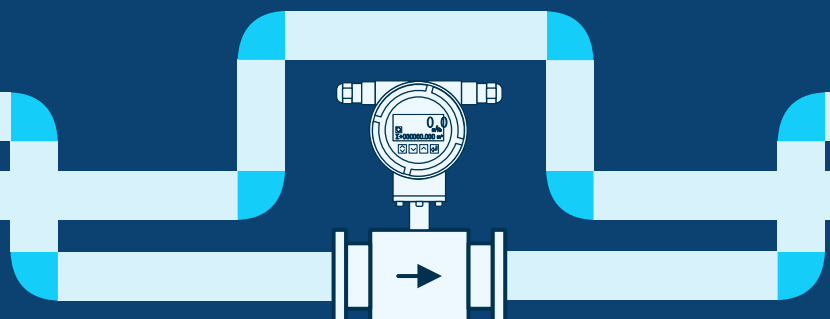


UPC INSTRUMENTS PVT.LTD.

AN ISO 9001:2015, 14001-2015, CE, IBR & TÜV SÜD CERTIFIED COMPANY



MANUFACTURER & EXPORTER
OF
WATER METER, FLOW METER, PROCESS
INSTRUMENTS, INDUSTRIAL & IBR APPROVED VALVES.



CONTENT

About company

02

Our Products

03

Dosing Pump

06

Automation Valves

08

Industrial Valves

09

Certificates Achieved

13

Our Clients

15

A Glance Of Us

16

Calibration Lab

18

ABOUT COMPANY

UPC INSTRUMENTS PRIVATE LIMITED is a Customer focused Innovative and Independent Organization dedicated to provide World class Industrial Solutions in Process Instruments like Flow, Level, Water Meter, Industrial valves & IBR Approved valves. Established In 2013 from the Beginning to this Day Today, Years of Research has earned us a Unique Expertise in Design and Development. We are dedicated to provide best quality and reliability that help us to keep long run relationship with our customer. We work in close dealership with our client and keep upgrading our products and process to stay relevant to the advancing market.

OUR MISSION

OUR MISSION is to Render Unparalleled and Innovative Technical Solutions & Services with utmost integrity and dedication to resolute the needs of our Clients and Customers.

ELECTROMAGNETIC FLOW METER



Model no.	: UPCS-MAG-110
Size	: 15mm to 3000,
Electrode Material	: SS 316L/SS316 Std./Hastelloy/Platinum /Titanium/Tantalum
Sensor Lining	: Rubber/PTFE
Display	: Graphical Display
Power Supply	: 85V-260V AC/24VDC
OUTPUT	: 4-20mA/Pulse/Rs485
Enclosure	: Aluminum DIA Cast IP67/IP68
Application	: Water, waste water & conductive liquid



ELECTROMAGNETIC FLOW METER WITH GPRS/GSM/TELEMETRIC

Model no.	: UPCS-GMAG-110
Size	: 15mm to 3000,
Electrode Material	: SS 316L/SS316 Std./Hastelloy/Platinum /Titanium/Tantalum
Sensor Lining	: Rubber/PTFE
Display	: Graphical Display
Power Supply	: 85V-260V AC/24VDC
Enclosure	: Aluminum DIA Cast IP67/IP68
Modem	: TELEMETRIC GSM/GPRS Module
Analyzed log collected and stored such as-Flow rate, Total flow etc.	

ELECTROMAGNETIC FLOW METER BATTERY OPERATED



Model no.	: UPCS-BMAG-110
Size	: 15mm to 300mm,
Electrode Material	: SS 316L/SS316 Std./Hastelloy/Platinum /Titanium/Tantalum
Sensor Lining	: Rubber/PTFE
Display	: Graphical Display
Output	: Rs485
Enclosure	: Aluminum DIA Cast IP66
Battery	: Li-ion (ER34615-76000mAh)

REMOTE TYPE ELECTROMAGNETIC FLOW METER



Model no.	: UPCS-RMAG-110
Size	: 15mm to 3000,
Electrode Material	: SS 316L/SS316 Std./Hastelloy/Platinum /Titanium/Tantalum
Sensor Lining	: Rubber/PTFE
Display	: Graphical Display
Power Supply	: 230VAC/24VDC
OUTPUT	: 4-20mA/Pulse/Rs485
Enclosure	: Aluminum DIA Cast IP65
Remote Cable	: Std. 3 mtr.

INSERTION TYPE ELECTROMAGNETIC FLOW METER



Model no.	: UPCI-MAG-113
Size	: 150mm to 3000mm
Media Pressure	: 15 kg/cm Max
Media Temperature	: 0- 80 °C
Flow Measurement	: With Unit Conversion
Accuracy	: +/- 2% of F.S.
Flow Velocity Range	: 0.1 M/s to 10 M/s
Power Supply	: 90-250V AC.50Hz/24V DC
Output	: 4-20 A/RS485
Housing	: Al. Die Cast
Const. Material	: SS/M.S



TURBINE FLOW METER

Model no.	: UPC-TFM-011
Size	: 15mm to 200mm
Power Supply	: 24V DC
Viscosity	: 100 CP MAX
Type of Output	: 4 to 20 mA / RS485
Power Consumption	: <0.5 VA
Response Time	: <100 Msec
Temp. Coefficient	: +/-0.01% per Celsius
Certification	: IIA, IIB, CMRI Certified
Application	: Conductive & Non Conductive Liquid, Diesel / Solvent

BATTERY OPERATED TURBINE FLOW METER



Model no.	: UPC-BTFM-011
Size	: 15mm to 200mm
Viscosity	: 100 CP MAX
Type of Output	: RS485
Power Consumption	: <0.5 VA
Response Time	: <100 Msec
Temp. Coefficient	: +/-0.01% per Celsius
Certification	: IIA, IIB, CMRI Certified
Battery	: Li-ion



VORTEX FLOW METER

Model no.	: UPC-VFM-310
Size	: 15mm to 300mm
Max Pressure	: 16 Bar
Display	: InBuilt LCD Display
Process Temp.	: <250 Degree Celsius
Power Supply	: 230VAC For Mee Inlet Steam
Accuracy	: +1.0%
Output	: 4-20mA/RS485
Connection	: Wafer Type
Principle of measure	: Vortex Method with pressure & Temp. Compensation
Application	: Steam(Air), Water

PORTABLE ULTRASONIC FLOW METER



Model no.	: UPC-USP-120
Size	: 15mm to 6000mm
Linearity	: 0.5%
Repeatability	: 0.2%
Accuracy	: ±1% of reading at rates>0.2 mps
Response time	: 0-999 seconds, user-configurable
Display	: 4x16 English letters
Liquids Type	: Virtually all liquids
Com. Interface	: RS-232c
Power Supply	: Battery Rechargeable

CLAMPON ULTRASONIC FLOW METER



Model no.	: UPC-USC-121
Size	: 15mm to 6000mm
Measurement Principle	: Transit Time Measr. principle
Accuracy	: Better Than ±1.0%
Repeatability	: 0.2%
Measurement Period	: 0.55
Display	: LCD with backlit, 2x20 letters
Power Supply	: AC 85-264V
Protection Class	: IP65
Temperature	: -40°C~+90°C

OPEN CHANNEL ULTRASONIC FLOW METER



Model no. : UPC-UFM-OC-211
 Measure Method : Ultrasonic non Contacting
 Flow Range : 0.1 l/s~9999m3/s
 Cumulative Flaw : 99999999m3
 Ambient Temp. : -30°C~+70°C
 Power Supply : 100-230VAC
 Distance Precision : 0.3% (Standard condition)
 Distance Resolution : 1mm
 Flow Precision : 1%~5%
 Range : 5 meter to 10 meter.

ULTRASONIC LEVEL TRANSMITTER



Model no. : UPC-LT-330
 Measurement method : Ultrasonic Non-Contacting
 Measurement Range : 0-5/0-10/0-20M
 Display : LCD Type
 Ambient Temp. : -30°C~+70°C
 Power Supply : 24VDC
 Blind Area : 0.25m~ 0.5m
 Distance Precision : 0.3% (standard condition)
 Distance Resolution : 1mm
 Flow Precision : 1%~ 5%
 Sub. to type of weir Plate

ULTRASONIC FLOW METER



Model no. : UPC-UWM-201
 Size : DN40-DN6000
 Power Supply : 24VDC
 Accuracy : $Q2 \leq Q \leq Q4 \pm 2\%$
 $Q1 \leq Q < Q2 \pm 5\%$
 Range Ratio : $Q3/Q1=250, Q2/Q1=1.6, Q4/Q3=1.25$
 Protection Class : IP68
 Pressure Level : Map 10 or Map16
 Data Storage : Data Storage for 18 months
 Working Temp. : -25°~ +55°C
 Installation : Horizontal or Vertical

ULTRASONIC WATER METER



Model no. : UPC-UWM-220
 Size : DN40-DN150
 Power Supply : Lithium Battery
 Accuracy : $Q2 \leq Q \leq Q4 \pm 2\%$
 $Q1 \leq Q < Q2 \pm 5\%$
 Range Ratio : $Q3/Q1=250, Q2/Q1=1.6, Q4/Q3=1.25$
 Protection Class : IP68
 Pressure Level : Map 10 or Map16
 Data Storage : Data Storage for 18 months
 Working Temp. : -25°~ +55°C
 Installation : Horizontal Or Vertical

MULTIJET WATER METER HOT



Model no. : UPC-MJTH-112
 Size : 15mm-50mm
 Product Standard : ISO 4064
 Size : 15mm to 50mm
 Water Temp : <90 Degree Celsius,
 Water Pressure : <1.6 MPA CLASS B
 Multi-jet, Tread End, Brass Body
 Lower Transmission Resistance,
 Low Pressure Loss, Long Working Life,

MULTIJET WATER METER COLD



Model no. : UPC-MJTC-112
 Make : UPC
 Product Standard : ISO 4064/ BIS
 Size : 15mm to 50mm
 Water Temp : <50 Degree Celsius,
 Water Pressure : <1.6 MPA CLASS B
 Multi-jet, Tread End, Brass Body
 Lower Transmission Resistance,
 Low Pressure Loss, Long Working Life,

WOLTMAN TYPE WATER METER HOT



Model no. : UPC-WMH-110
 Size : 40mm to 400mm
 Product Standard : ISO 4064:1993 Class B
 Water Temp. : up to 90°Celsius
 Water Pressure : <1.6MPa

Other features:
 Magnetic Drive, Lower transmission Resistance
 low pressure Loss long Working Life
 Not Affected By External Magnetic field
 Register May Be Rotated through 360 Degree
 Dry Dial Register Ensures Clear Reading

WOLTMAN TYPE WATER METER COLD



Model no. : UPC-WMC-110
 Size : 40mm to 400mm
 Product Standard : ISO 4064:1993 Class B
 Water Temp. : less than 50°Celsius
 Water Pressure : <1.6MPa

Other features:
 Magnetic Drive, Lower transmission Resistance
 low pressure Loss Long Working Life
 Not Affected By External Magnetic field
 Register May Be Rotated through 360 Degree
 Dry Dial Register Ensures Clear Reading

WOLTMAN TYPE WATER METER SUPER HOT



Model no. : UPC-WMSH-110
 Size : 40mm to 200mm
 Product Standard : ISO 4064:1993 Class B
 Water Temp. : up to 130°Celsius
 Water Pressure : <1.6MPa

Other features:
 Magnetic Drive, Lower transmission Resistance
 low pressure Loss long Working Life
 Not Affected By External Magnetic field
 Register May Be Rotated through 360 Degree
 Dry Dial Register Ensures Clear Reading

GROUND WATER LEVEL RECORDER/ PEIZOMETER



Model no. : UPC-GWM-20
 Accuracy : 0.25% F.S.
 Power Supply : 16V DC 1.5AMP Adapter, BO
 Current Consumption : 5mA
 Wetted Material : 17-4PH or 316L Stainless Steel
 Port, 316L Stainless Steel
 Snubber
 Vibration : $\pm 20g$, MIL-STD-810C
 Dielectric Strength : 2mA @ 500VAC, 1min
 Display : 16X2 LCD display
 Enclosure : Ip65
 Data Output : Microsoft Excel format
 Clock : Real time internal clock

ONLINE WATER ANALYZER



Model no.	: UPC-WA-202
Technology	: UV Visible Spectroscopy
Power Supply	: 90-264 VAC, 50/60 Hz
Display	: 320X240 Pixels Color TFT LCD-5.7"
Touch Screen	: Backlight Resistive Touch Screen
Memory	: 5000 Lines of Measurements (upto 16 Channels) with Date time
Enclosures	: Stainless Steel with Epoxy Coating
Protection	: IP65
Parameters	: COD, BOD, TSS, PH

FLOW TOTALIZER INDICATOR/BATCH CONTROLLER



Model no.	: UPC-FTC-114
Size	: L 160mm X W 85mm X D 95mm
Power Supply	: 230V-AC
Input	: 4-20 mA / PT-100
Output	: 4-20 mA/RS-485
Programme	: Selectable

PH METER



Model no.	: UPC-PHM-203
Range	: 0-14 PH Continuous
Power Supply	: 230V-AC
Display	: 3½
Resolution	: 0.01pH
Accuracy	: + 0.01 pH (Relative)
Repeatability	: + 0.01 pH
Output	: Relay Type
Calibration	: Two point calibration (manual)

TDS METER



Model no.	: UPC-TDM-204
TDS/ Conductivity	: 0-20000ppm
Resolution	: 0.1ppm
Auxiliary Power	: 10A/230V
Mounting	: Panel Mounting

PH ORP TRANSMITTER



Model no.	: PH-501
PH Range	: 0-14.00 pH
ORP Range	: -2000 to +2000mV
Temp. Range	: 0-99.9 Degree C
PH Accuracy	: ± 0.2 pH
ORP Accuracy	: ± 1 mV
Temp Accuracy	: ± 0.5 Degree C
Data Storage	: 72 points three days
Output	: Rs485
Power Supply	: 220V AC

DO METER



Model no.	: DO-130
Read out	: 3.5 digit LED
Indication	: Diss. oxygen in PPM
Range	: 0-20 PPM
Resolution	: 0.1 PPM
Analog O/P	: Isolated 4-20mA
Accuracy	: ± 0.2 PPM ± 1 digit
Temp. Comp	: 10 to 50 degree C
Sensor	: Amperometric Gold/ Silver membrane type.
Power Supply	: 230V AC ±10% 50Hz.

CONTINUOUS EMISSION MONITORING SYSTEM



Model no.	: UPC-CEMS-207
SPM	: 0-800 µg/m³
SOx	: 0-5000 PPM
NOx	: 0-5000 PPM
CO	: 0-5000 PPM
CO2	: 0-25%
O2	: 0-25%
Connectivity	: Cloud Connectivity

CHLORINE AND TURBIDITY ANALYZER

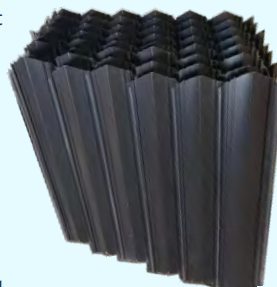


Model no.	: UPC-CTM-215
Chlorine Sensor	: Online Constant Voltage
Measuring Range	: 0 to 20ppm
Op. Pressure	: 1 Bar
Turbidity Sensor	: Online Scattered Technology
Maximum Range	: 0 to 1000 NTU
Op. Pressure	: 4 Bar
Output	: Rs485

ONLINE SPM ANALYZER



Model no.	: SPM-205
Measurement	: Transmittance measurement
Measuring ranges	: 0 to 1000mg/nm³
Process Temperature	: -40 to +600 Degree C
Perf. tested measured duct diameter	: Dust Concentration non condensing Duct Dia. 2.5 m2 ...5m4 ...12m
Electrical safety	: CE
Operating Humidity	: 100
Gas Temperature	: +600



TUBEDEK MEDIA

Plain Settling Area	: 60° Slope:11m²/m³ 55° Slope: 13m²/m³
Hydraulics Radius	: 15mm
Cross Sectional Area	: 120mmx44mm
Color	: Black
Moc	: PVC
Thickness	: 1 mm Approx.
Fitting Arrangement	: Tongue & Groove
Max. Op. Temp.	: 55° C

FINE BUBBLE TUBULAR DIFFUSERS



SPECIFICATION & ITEM CODE	UPC-FBD 600	UPC-FBD 1000	UPC-FBD 1090
SIZE	63 x 620 mm	63 X 1020 mm	90 X 1020 mm
SUPPORT PIPE OD	63 mm	63 mm	90 mm
/ MEMBRANE ID	63 mm	63 mm	90 mm
MOC OF / MEMBRANE	EPDM / SILICONE	EPDM / SILICONE	EPDM / SILICONE
AIR FLOW RANGE	2 - 7.5 m ³ /hr	2 - 10 m ³ /hr	3 - 15 m ³ /hr
MAX. PRESSURE ALLOWED	1.5 kg/cm ²	1.5 kg/cm ²	1.5 kg/cm ²
CONNECTION SIZE	3/4" BSP	3/4" BSP	1" BSP
BUBBLE SIZE	0.8 - 1.9 mm	0.8 - 1.9 mm	0.8 - 1.9 mm

COARSE BUBBLE DIFFUSERS



SPECIFICATION & ITEM CODE	UPC-CBD 80	UPC-CBD 150
SHAPE	DISC TYPE	DISC TYPE
DIA SIZE	80 mm	150 mm
BUBBLE SIZE	4 - 5 mm	6 - 8 mm
MOC OF MED JBRANE	EPDM / SILICONE	EPDM / SILICONE
MOC OF BASE	PPCP	TOUGH ABS PLASTIC
MAX. OPERATING TEL IP.	60° C	60° C
AIR DISCHARGE PORTS	10	8
AIR FLOW RANGE	1- 5 m ³ /hr	4 - 10 m ³ /hr
END CONNECTION MALE THREAD	3/4" BSP	1" BSP
MAX. PRESSURE ALLOWED	1 kg/cm ²	1.5 kg/cm ²

FINE BUBBLE DISC DIFFUSERS



SPECIFICATION & ITEM CODE	UPC-DD 9	UPC-DD 12
I COC OF MED JBRANE	EPDM / SILICONE	EPDM / SILICONE
BASE AND RING	PP	PP
CONNECTION	3/4" BSP MALE THREAD	3/4" BSP MALE THREAD
AIR FLOW RANGE	0 - 20 m ³ /hr	0 - 20 m ³ /hr
PERFORATION SIZE	1 mm	1 mm
BUBBLE SIZE	0.8 - 1.9 mm	0.8 - 1.9 mm
/ IAX. PRESSURE ALLOWED	1.5 kg/cm ²	1.5 kg/cm ²
SIZE	9"	9"

MULTIPOINT VALVE



Material of Construction	: ABS
Inlet, Outlet, Drain Connections	: 3/4" BSP(F)
Valve Connection to Vessel	: 2 1/2" NPT(M)
Riser Pipe Size	: 25mm OD PVC pipe
Injector Ratio	: 1:2 Power water: Suction flow
Ejector Type	: In-built
Maximum Flow Rate	: 2000lph @ 0.5 Kg/cm ² pressure drop
Regenerant Suction Tubing	: 1/4"
Min. Pres. for Uniform Suction	: 2 Kg/cm ²
Max. Operating Pressure	: 5 Kg/cm ²
Accessories	: Top and bottom disc type strainer, Suction tubing and foot valve for softeners only

UPC DOSING PUMP



UDOSE-6



UDOSE-20



UDOSE-P03

Electrical	: 230V AC (+ or -20%) 50Hz
Suction Discharge Tubing	: 6/8 mm
Dosing Flow Rate	: 0-4 / 0/6 /0-8 / 0-10 / 0-15 / 0-20 / LPH & 40 LPH Open Tank
Dosing Pressure	: 10 / 8 / 4 / 3 Kg/Cm ²
Stokes/ Minutes	: Max 135, Min : 15
Fuse	: 600m Amp.
Stoke Controller	: 0 - 100%
Pulse Controller	: 0 - 10%
Pump Head	: P. P. / PVDF / CFT / LDPE
Diaphragm MOC	: P.T.F.E.
Connectors	: P. P. / PVDF / CFT / LDPE
NRB Ball	: Ceramic
Suction Tubing's	: P. P. / PVDF / CFT / LDPE
Environment Temperature	: 50° C Max
Power Consumption	: 50 Watt

Certificates Achieved



NABL
Approved UPC Calibration Lab

MSME
Ministry of Micro ,Small
and Medium Enterprises



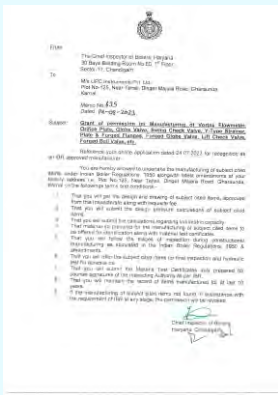
ISO 4064-1:2014
Bureau of Quality Certificate

ISO 9001:2015
Quality Management
Certified By TÜV SÜD



Model Approval

from
Ministry of Consumer Affairs,
Food & Public Distribution



IBR APPROVED VALVES

Indian Boiler Regulation Approved Valves

ISO 9001:2015

Quality Management



ISO 14001:2015

Environment Management

CE Certified



Flameproof- Weatherproof-IP67 Enclosure

Certified by CSIR DHANBAD

SOME OF OUR CLIENTS

Triveni
ENGINEERING & INDUSTRIES LTD.



पतंजलि
प्रकृतिको आशीर्वाद

ESSAR



Cipla
Caring for life



ADAGE



Design
&
Development



Machining
Workshops





Assembly
Line



Hydro
Testing



Warehouse

In House Calibration Lab



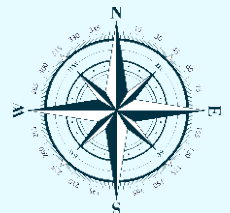
'UPC Calibration Lab'
Accredited
from
NABL



WORLDWIDE EXPORT



Manufacturing Unit — ■
Domestic Sales — —
Export Sales — —



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