PrismaTech®

We Measure it



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PrismaTech, The Control System Knowledge-Based Company (PrismaTech) was started in 2008 by a number of distinguished researchers, specialists and graduates of universities in the fields of industrial automation, instrumentation, electronics and optoelectronics with the aim of promoting, localizing and using new technologies in these fields. After years of research and development, as the first Iranian manufacturer, Prismatic succeeded in producing a refractory meter, which is one of the essential needs of the food industry. Despite the lower cost, the quality of this product is on par with reputable global brands. In addition, different types of PrismaTech refractometers (inline, laboratory, and portable) are currently being used in the country-s large food industry factories. Conductivity meters (in two main models, inline and desktop) and electromagnetic flow meters (in more than 50 different models and sizes) are other products designed and produced in this company that have been widely used in domestic and foreign industries. The newest product of Prismatic is Coriolis mass flowmeters, which are able to measure the density, mass flow rate and volume flow of different types of fluids with very high accuracy. This company is proud to design and produce products with global capability for use in domestic industries and export to other countries by relying on the knowledge of its human resources and using the most up-to-date methods and equipment for production and localization of new technologies in the country.



> Inline Refractometer

Refractometers are used as an efficient tool for measuring the concentration of a solution. They can be used in laboratories to measure the concentration of sampled materials or inline for real-time monitoring of the concentration of industrial liquids. PTR100 is an inline refractometer which directly can be installed on the production pipe-line. Moreover, it can be used in both clear and turbid liquids. The sensor and transmitter units of the device are separated and can be installed in different locations according to process designs.

Model	PTR100 (PTR100T)
Refractive Index Range	· · · · · · · · · · · · · · · · · · ·
	0 ~ 100 %Brix
rix Measurement Accuracy	
1D Measurement Accuracy	1
Process Critical Condition	
	CCD 3648 Pixel
Prism Material	i de la companya de
miter Degree of Protection	· · · · · · · · · · · · · · · · · · ·
	AISI316L/PTFE/Titanium
	3AClamp 63mm (others on request)
Display	4.3" Touch screen
	Three Relay Outputs (6A) Two Analog Outputs(0/4-20mA)
Inputs	Two Digital Inpus (24V)
Serial Port	One unit RS485 With Modbus Protocol
PID Controller	Two Units for Temperature and Concentration
USB Port	One Port for transferring stored data as Excel file
Data Logger	Up to 6000 Sample with customizable sampling intervals
Optional Communications	Wifi, HART, Profibus, Profinet, Ethernet/IP



Automatic Prism Wash System

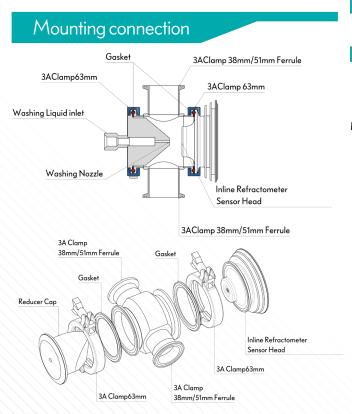




- Automatic concentration control using PID controller with analog output current in the range of 4-20 mA or 0 20 mA
- Automatic temperature compensation (ATC) for precise measurement of concentration
- Sapphire Prism material
- Various output signals analog current, relay digital outputs, Modbus RTU
- Robust against environmental electrical noises, mechanical vibration, dust, and humidity (IP67)
- Robust against Clean In Place (CIP) using acidic and alkaline substances
- Stainless Steel AS316, Titanium, PTFE wetted parts material

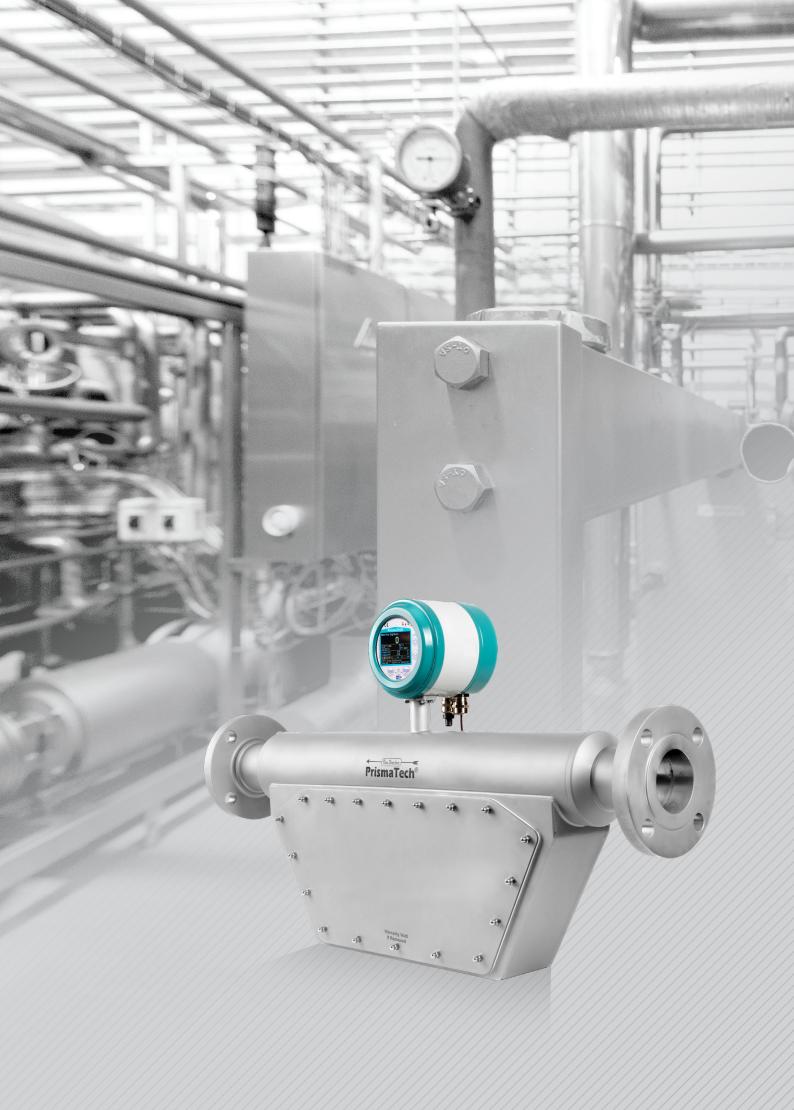
> Compact Refractometer

PrismaTech Inline Refractometer model PTR100_Cpt is an optoelectronic sensor that measures the concentration of a solution simultaneously on the process pipes (Real-Time). The sensor is also capable of sending the measured parameters using analog signals to industrial actuators to control the process automatically. The device can also control the process concentration and temperature directly without the need for any other controller. This is done using multiple PID analog outputs, digital and relay outputs, and digital inputs.



Model	PTR100_Cpt
Refractive Index Range	1.32500~1.54000
Brix Range	0~100 % Brix
Brix Mesurement Accuracy	±0.1 % Brix
nD Mesurement Accuracy	±0.0002
Max Process Critical Condition	95°C, 12 bar
Prism Material	Sapphire
Sensor Degree of Protection	IP67
Wetted Parts Material	AISI316L/PTFE/Titanium
Display	320*240 TFT Color LCD
Digital input/outputs	2DQ/1DQ-1DI
Analog Outputs	1AQ (0/4~20 mA)
Communication	RS485-Modbus RTU
Optical Sensor	CCD 3648 Pixel
Power Supply	24VDC,500mA
promatech inline Ratio compa.	Harr
Frismatch Frismatch	

- Automatic concentration control using PID controller with analog output current in the range of 4-20 mA or 0 20 mA
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- Robust against Clean In Place (CIP) using acidic and alkaline substances
- Stainless Steel AS316, Titanium, PTFE wetted parts material

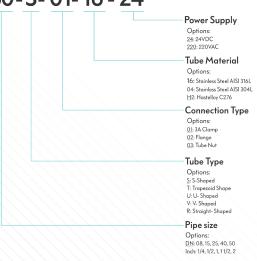




Coriolis Mass Flowmeter

A coriolis mass flowmeter is based on the principle of vibrations. When the process fluid enters the sensor, it splits into two separate tubes. During operation, a drive coil stimulates the tubes to oscillate in opposition at the natural resonant frequency. As the tubes oscillate, the voltage generated from each pickup coil creates a sine wave. The time delay between the two sine waves is directly proportional to the mass flow rate. In addition, the fluid density can also be determined from the oscillation frequency of the measuring tubes. PrismaTech Coriolis Mass Flowmeter PTMas has been designed based on state-of-the-art technologies to meet the requirements of all industries such as food and beverage, oil and gas, wastewater, and so on. These flowmeters are constructed in various sizes, and they can simultaneously measure multiple parameters such as mass flow, density, volumetric flow, Brix, and fluid temperature.

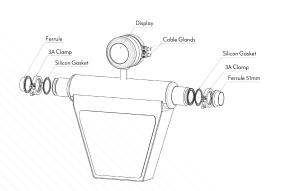
Model Selection PTMas 50-S-01-16-24 Basic Model Name





- Universal measuring principle for liquids and gases
- Multivariable measurement (simultaneous measuring of mass flow, density, temperature, volumetric flow, and Brix)
- High flow measuring accuracy: %0.15±
- High-density measuring accuracy: 0.00025± gr/cc
- High zero stability
- Fully Automatic Temperature Compensation (ATC)
- Robust against environmental mechanical vibration
- Various sizes from DN8 up to DN100





Model	PTMas
Measurement Parameters	Mass Flow, Volumetric Flow, Density, Brix and Temperature
Tube Structure	Twin Bent Tubes
Tube Material	Stainless Steel AISI 316L, Hastelloy, others on request
Mass Flow Accuracy	0.15%
Density Accuracy	±0.0005 gr/cm ³
Processor	32-bit ARM Microcontroller H7 Series, Cortex M7
Display	320 * 240 TFT Color LCD
Communication	RS485/Modbus RTU Optional (Wifi, HART, Profibus, Profinet, Ethernet/IP)
Digital Output	Two Digital Outputs (24VDC)
Analog Output	Two Analog Outputs 4-20 mA
Totalizer	Two Channels with adjustable units
Process Connection	3A Clamp/ DIN 2501, ASME B16.5 Class150 Flange
Degree of Protection	IP67
Operational Temperature	Up to 150°C
Input Power Supply	24VDC / 500mA

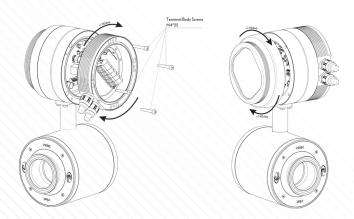
Dimensions and	d Meas	sureme	nt Ran	ges				
Model	Α	В	С	D	L	Н	Т	Min-Max Flow rate for liquids (Kg/h)
PTMas08-S-01-16-24	39	240	95	41.5	367	255	119	
PTMas08-T-01-16-24	39	240	120	41.5	367	280	119	0.0000
PTMas08-U-01-16-24	34	120	145	41.5	229	305	119	0-2000
PTMas08-V-01-16-24	34	120	100	41.5	229	260	119	
PTMas15-S-01-16-24	49	261	99	47.5	398	259	119	
PTMas15-T-01-16-24	49	245	128	47.5	398	288	119	0.7500
PTMas15-U-01-16-24	39	172	173	47.5	273	333	119	0-6500
PTMas15-V-01-16-24	39	148	118	47.5	273	278	119	
PTMas25-S-01-16-24	48	296	108	59	434	268	119	
PTMas25-T-01-16-24	48	276	146	59	434	306	119	0.10000
PTMas25-U-01-16-24	42	205	225	59	324	385	119	0-18000
PTMas25-V-01-16-24	42	200	154	59	324	314	119	
PTMas40-S-01-16-24	61	386	145	71	558	305	119	
PTMas40-T-01-16-24	61	372	207	71	558	367	119	0.45000
PTMas40-U-01-16-24	55	310	243	71	456	403	119	0-45000
PTMas40-V-01-16-24	55	280	209	71	456	369	119	
PTMas50-S-01-16-24	79	486	185	100	720	345	119	
PTMas50-T-01-16-24	79	443	268	100	720	428	119	0.70000
PTMas50-U-01-16-24	64	370	377	100	562	537	119	0-70000
PTMas50-V-01-16-24	64	340	268	100	562	428	119	

Electromagnetic Flowmeter

<u></u>	
Model	PTMag xx-SA-01/02-PT-24
Power Supply	22 ~ 26VDC
Measurement Accuracy	0.4% Full Scale
Communication	Modbus RTU,
	Optional (Wifi, Hart, Profibus, Profinet, Ethernet IP)
Analog output	0/4 ~ 20mA one unit (max 1Kohm)
Digital output	Two units (Pulse/Frequency/Alarm)
Digital input	Two units (Hold/Total. Reset/MRS)
Totalizer	2 independent (with selectable units)
Alarms	Empty pipe, AQ open loop, out of range, etc.
Electrods material	Titanium, Hastelloy, etc.
Inner Lining material	PTFE, PFA
Process Critical condition	100°C, 12bar
Display	320*240 TFT Color LCD
Sensor Body material	AISI316L, AISI304
Process Connection	ASME_B 16.5 Cl150 Flange, 3A Clamp, etc.
Sensor Protection	IP68
Transmitter Protection	IP67

Electromagnetic flowmeters are often selected because they are cost-effective, bi-directional, and provide highly accurate volumetric flow measurements. **PrismaTech** PTMag electromagnetic flow meters can be used in various industries like food and beverage, pharmaceuticals, paper and pulp, steel, oil and gas, and mining. Generally, PTMag electromagnetic flow meters can be used to measure the flow rate of liquids with minimum conductivity of about 5µs/cm. PTMag flow meter's different models are chosen according to their applications based on a range of liner materials, electrode materials, and pipeline sizes to accommodate a wide variety of process applications.

Display and terminal cap angle rotations



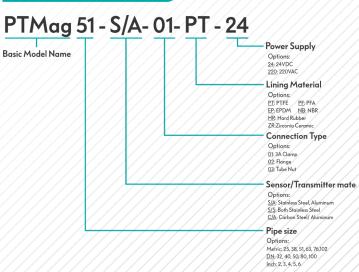
- PTFE/PFA or NBR Lining, Titanium/Hastelloy or AISI316L electrodes, AISI316/304 Stainless steel or Carbon Steel sensor body
- Perfect choice for relatively high temperature, corrosive fluids
- Different output/input options (Serial, Analog, Digital, etc)
- Unique design with touch keys, high-quality graphical color display with user-friendly menus
- Reset the totalizers manually using menu parameters, by limits, and using digital inputs
- Various standard connection sizes and types with (ASME_B 16.5 CL150 standard flanges, 3A Clamp, etc.)
- Positive, negative, and bi-directional flow measurement

Model	PTMag xx-xx-xx-24
Power Supply	22 ~ 26VDC
Measurement Accuracy	0.4% Full Scale
Communication	Modbus RTU, Optional (Wifi, Hart, Profibus, Profinet, Ethernet IP)
Analog output	0/4 ~ 20mA one unit (max 1Kohm)
Digital output	Two units (Pulse/Frequency/Alarm)
Digital input	Two units (Total/Total. Reset/Filling Start)
Totalizer	2 independent (with selectable units)
Alarms	Empty pipe, AQ open loop, out of range, etc.
Electrods material	AISI316L, Titanium
Inner Lining material	PFA, PTFE, NBR
Process Critical condition	150°C, 12bar (for PFA linings) 130°C, 12bar (for PTFE linings) 70°C, 12 bar (for NBR linings)
Sensor Body material	AISI304, Carbon Steel
Display	320*240 TFT Color LCD
Process Connection	ASME_B 16.5 Cl150/ ISO7005 PN16 flange 3A Clamp
Degree of Protection	IP67





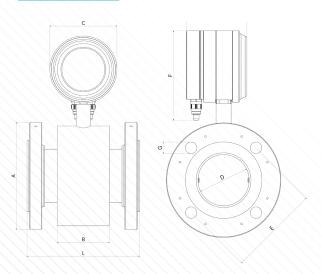
Model Selection



Nominal	Nominal pipe size		Minimum Maximum		Units
DN (mm)	inch	Flow rate	Flow rate	Accuracy	Omis
25	1	441	14000	56	L/h
32	1.1/4	700	35000	140	L/h
40	1.1/2	1.1	45	0.18	m^3/h
50	2	1.7	70	0.28	m^3/h
65	1.1/2	2.9	120	0.48	m^3/h
80	3	4.5	170	0.68	m^3/h
100	4	8.7	282	1.128	m^3/h
125	5	10.5	360	1.44	m^3/h
150	6	20	600	2.4	m^3/h
200	8	35	1100	4.4	m^3/h
250	10	55	1600	6.7	m^3/h
300	12	80	2400	9.6	m^3/h



Dimensions





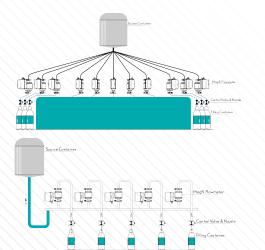
Nominal f	Pipe Size	_ A	В	С		D	_ Е	F	G	Н			Flange
DN (mm)	Inch	- ^			PTFE	NBR			Ü				Holes
25	1	108	60	119	26	1-11	79.2	149	15.7	272	100	150	4
32	1.1/4	117	64	119	35	<u> </u>	89	149	15.7	281	100	150	4
40	1.1/2	130	68	119	41	-	196	149	15.7	294	100	150	4
50	2	152	88	119	52	47	120	149	19.1	316	100	200	4
65	2.1/2	178	88	119	33.5	<u> </u>	140	149	19.1	342	100	200	4
80	3	190	93	119	80	72.6	152.4	149	19.1	354	100	200	4(8)
100	4	228	108	119	100	98	190	149	19.1	392	100	250	8
125	5	250	138	119	126	124.5	210	149	22.4	414	100	250	8
150	6	285	148	119	152	149.5	240	149	22.4	449	100	300	8
200	8	343	158	119	202	202	298	149	22.4	507	100	350	8
250	10	406	180	119	255	-	362	149	25.4	559	100	400	12
300	12	483	200	119	304	-	432	149	25.4	600	100	500	12

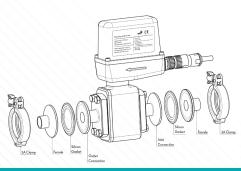
Filling Electromagnetic Flowmeter Magfil

Model	Magfil
Measuring Accuracy	± 0.3% full Scale
Lining Material	Ceramic (Zirconia/ Alumina)
Process Critical Condition	150°C, 12bar
Power Supply	22 ~ 26VDC
Communication	RS485 Modbus RTU
Digital output	One Unit (Pulse/Frequency/Alar
	Filling control
Digital input	One Unit (24VDC, 5mA)
Enclosure Material	AISI 304 Stainless Steel
Wetted Parts Material	AISI 316L Stainless Steel
Electrodes Material	Titanium
Cable Connector	M12 Standard Connector
Process Connection	DN4 ~ DN25 3A Clamp
Degree of Protection	IP68

Filling flowmeters are one of the inseparable elements of most industries, especially the food and beverage industry. **PrismaTech** Magfil is an electromagnetic flowmeter designed based on state-of-the-art technologies to meet the requirements of filling applications. These flowmeters are highly accurate, and repeatable, and can be used in filling, batching, dosing, and CIP/SIP processes. They also offer high-temperature operation up to °150C. In addition, Magfil provides Modbus RTU communication. Hence, it is possible to make an industrial network consisting of about 200 Magfil flowmeters.

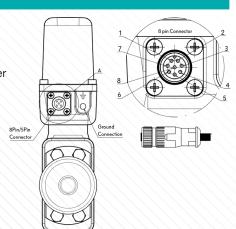
DN (mm)	Minimum Flow Rate	Maximum Flow Rate	Accuracy	Unit
4	2	400	1.6	L/h
6	5	900	3.6	L/h
8	7	1600	6.4	L/h
10	13	2500	10	L/h
15	25	4200	17	L/h
25	58	14000	56	I/h







- Ceramic (Zirconia/Alumina) Lining and Titanium Electrodes
- Autonomous filling control without the need for any external controller
- Fully stainless steel body with standard 3A clamp connections
- High-temperature resistance (150°C)
- Resistant to mechanical vibrations and electronic noises
- Unique and compact design
- Usable for different kinds of filling machines
- Resistant to highly corrosive solutions
- Ability to measure flow in direct and reverse flows
- Different output options



► Inline Conductivitymeter Model PTCond-01-µ-xx-01-PE-24-xx

The PTCond-µ inline conductivity meter is used to measure the electrical conductivity of ultra-low electrical conductivity solutions such as pure, ultra-purified, and deionized water applications. This product has a variety of applications in different industries, for example, some cases can be mentioned: Boiler cooling systems, RO and EDI/EDR process water, ion exchange, distillation, semiconductor cleaning, degassing conductivity and other process applications in industry.

Model PTCond

Conductivity Range 0 - 200 µS/cm

Accuracy ±0.3% Full Scale

Max Process Temperatue Power | 120 °C

Supply 24VDC

Sensor Enclosure material Head AISI304

Wetted material Protection AISI 316L, PEEK IP67

Specifications

Internal Sensors : Board Voltages and Temperature

Digital Outputs Two Programmable
Digital Input One Programmable

Analog Outputs | Two Current Outputs(0/4~20mA)

Serial Ouput One Modbus RTU RS485

Display/Setting unit Models 320×240 TFT Color LCD





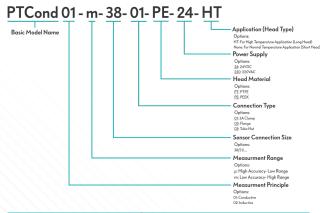


- Accurate and stable measurement with ultra-low thrust
- Built-in temperature sensor to compensate for automatic electrical conductivity
- Stainless steel body suitable for harsh environments
- Measurement with very high resolution 0.1 μS/cm
- Insulation from electrical noise and mechanical vibrations
- Can be installed on tanks and pipes of different sizes
- Ability to change the application (Customize) according to the product and the user's desired conditions

Inline Conductivitymeter Model PTCond-01-m-xx-01-PE-24-xx

PrismaTech Inline conductivity meters are uniquely designed industrial-grade inline conductivity sensors that offer greatly improved range, accuracy, and stability with anti-interference capabilities. A built-in transmitter supports digital signal communication using Modbus RTU RS 485 protocol, designed to simplify on-site installation, calibration, and operation. PTCond contains four electrodes allowing the sensor to be less prone to fouling and deposition. This sensor maintains conductivity accuracy and precision, without the need for frequent calibrations.

Model Selection



Conductivity Range	0~1000 ms/cm
Accuracy	± 0.5% Full Scale
Max Process Temperatue	120°C

Power Supply 24VDC Electrods material | Titanium Sensor Enclosure material | AISI304

Head material | AISI 316L, PEEK

Degree of Protection | IP67

Internal Sensors | Board Voltages and Temperature

Display/Setting unit Models | 320*240 TFT Color LCD

Digital Outputs Two Programmable

Digital Input One Programmable

Analog Outputs Two Current Outputs (0/4~20mA)

Serial Output One unit Modbus RTU-RS485

USB Port | Avalable on HMI Display models

Data Logger | 6000 Samples



- Fast and accurate measurement
- RS485 port to communicate with a computer through the Modbus protocol up to a thousand meters away
- Can be used on CIP lines to measure and control the amount of soda and acid in washing processes
- Isolated against electrical noises and mechanical vibrations
- Can be used to measure the conductivity of a wide range of solutions
- Can be installed on tanks and pipes of different sizes



Inline pH Meter,Precision Hydrogen Potential Measurement Instrument

The Inline pH Meter is an advanced electronic device designed for the accurate measurement of hydrogen potential (pH) in liquid samples. Utilizing a highsensitivity glass electrode and a differential voltage measurement circuit, it precisely determines the acidity or alkalinity of solutions with outstanding accuracy and repeatability. Incorporating stateoftheart signal processing and automatic temperature compensation (ATC) technology, the instrument minimizes temperaturerelated errors and ensures longterm stability of results.

Specifications

18-30V DC Power pH Measuring Range 0.00 - 14.00 Resolution 0.01 pH Accuracy ±0.05 pH Measuring Temperature Range 0-90°C Maximum Sensor Temperature 130 °C Maximum Pressure 6 Bar PT1000 Temperature Calibration Sensor Probe Reference Electrode Ag/AgCI

320px×240px TFT Color LCD with 4 Touch Keys Display

4-20mA, 2 Channel **Analog Output**

2 Channel, Isolated, 500mA **Digital Output**

Digital Input 2 Channel, Isolated

Communication Protocols Modbus RTU(RS485), Modbus TCP/IP (Ethernet)

IP Protection IP67

Transmiter Dimensions 95×95 ×82 mm **Transmiter Cutout** 85×85mm

Sensor Connection Type 3A Clamp38mm , Flange , ...

Sensor Enclosure Material Stainless Steel 316L pH Electrode Dimension 12×120 mm





Typical Applications

- Quality control and process monitoring in the food, pharmaceutical, and beverage industries
- Water and wastewater analysis in treatment plants, power stations, and petrochemical facilities
- Process control in chemical and biotechnology production plants

- High measurement accuracy, excellent repeatability, and longterm stability under varying environmental conditions.
- Durable, fastresponse electrode with replaceable design for different applications
- Automatic multipoint calibration with international standard buffers (pH 4.01, 7.00, 10.01)
- Builtin ATC system for reliable readings across a wide temperature range
- Highresolution LCDTFT display with userfriendly interface
- Weatherresistant housing (IP65/IP67) suitable for harsh industrial environments
- Multiple connection options for seamless integration into pipeline systems
- Low maintenance requirements and quick calibration capability
- Modular design adaptable to a wide range of industrial applications

Benchtop Conductivitymeter

Conductivitymeters measure the electrical conductivity(EC) of aqueous solutions. Benchtop conductivitymeters can be found in almost any laboratory environment. BPTCond benchtop conductivitymeter can measure a conductivity range of 0.001 µS/cm up to 1000 mS/cm and offers automatic temperature compensation(ATC). Particular features include high reproducibility, Automatic calibration, multiple calibration points, and measured data logger.

Model	BPTCond
Measurment Range	0 ~ 1000 mS/cm
Measurment Accuracy	± 0.5% Full Scale
Temperature Compensation	Continues
Electrodes Material	AISI 316L
Enclosure Material	Anodized Aluminium
Sample Temperature Range	-25 ~ 100°C
Power Supply	24VDC
USB Port	One Unit
Data Logger	6000 Samples
Display	4.3 inch Touch Screen H
Serial Output	Modbus RTU RS485



- 4.3 inch color touchscreen display
- Durable and standard probe
- Automatic and multi-point calibration system and automatic system for changing the measurement range
- Automatic temperature compensation (ATC) system
- Measurement of vinegar concentration in pickles
- Ability to store measurement results in device memory (up to 6000 samples)
- Direct transfer of measurement results on a USB flash drive

Portable Refractometer

PrismaTech portable refractometer was designed with the use of modern technologies and the highest quality parts to measure and monitor the concentration of solutions in research laboratories and quality control departments of industrial plants. With the ease of use, accuracy, and reliability in measurement, this device is a perfect choice for any usage. PrismaTech portable refractometers can be easily calibrated by multi-point tables for Brix, Refractive index, S.g, and Sp (in the Clinical model), and five other user scals

Model	PTRP100	PTRP_U_S100 (Clinical)
Refractive Index Range	1.32500~1.54000	1.32500~1.54000
Main Unit Range	0~100 %Brix	$1.0000 \sim 1.0600 \text{Sg} / 0.000 \sim 12.000 \text{g} / \text{dl}$
Measurement Accuracy	0.1 %Brix	0.001 Sg, 0.1 Sp
nD Measurment accuracy	0.0002	0.0002
Max Sample Temperature	80°C	80°C
Temperatures compensatian	Automatic 5~50°C	Automatic 5~50°C
Sample Temperature Adjustment	NA	NA
Optical Sensor	CCD 3648 Pixel	CCD 3648Pixel
Prism Material	Sapphire	Sapphire
Sample well Material	AISI316L	AISI316L
External Ports	USB mini, USB, Wifi	USB mini, USB, Wifi
User Scales	5 units	5 units
Data Logger	Up to 6000 Samples	Up to 6000 Samples
Data Logger format	Microsoft Excel .csv format	Microsoft Excel .csv format
Dimensions	! 172*84*44 (mm)	! !172*84*44 (mm)



- Sapphire prism material with high mechanical and thermal resistance and AISI316L steel sample well
- Ability to define 5 different scales by the user (User Scale)
- Charging by USB port and ability to charge by mobile charger
- Ability to connect directly to a computer
- Auto Power off and Power management to increase battery life
- The ability to store and retrieve information related to the concentration of up to 6000 samples and transfer data on flash
- The ability to measure the specific gravity of urine from 1.000 to 1.060 with an accuracy of 0.001s.g (in the clinical model)
- Ability to measure serum protein with a range of 0 to 12g/dl (in the clinical model)

Benchtop Refractometer

BPTR100 automatic or laboratory (benchtop) Refractometer, with the use of modern technologies and highest quality parts is designed to measure and monitor the concentration and refractive index of liquid samples in laboratories. With ease of use, accuracy, and reliability in measurement, this device is a perfect choice for both industrial laboratories and research centers. PrismaTech benchtop refractometer can display the concentration in up to 40 other user scales in addition to Brix and refractive index (nD) simultaneously.

Model	BPTR 100
Refractive Index Range	1,32500~1,54000
Main Unit Range	0~100 % Brix
Measurement Accuracy	0.05%Brix
nD Measurment accuracy	0.0001
Max Sample Temperature	85°C
Temperatures compensation	Automatic 5~85°C
Sample Temperatures Adjustment	With controlled peltier
Optical Sensor	CCD 3648 Pixel
Prism Material	Sapphire
Sensor Enclosure	Sensor IP67
Wetted Parts Material	AISI 316L
Case Body Material	Aluminium
Display	4.3/7" Touch screen
External Ports	USB, USB-b
User Scales	40units
Data Logger	Up to 6000 Samples
Data Loger format	Microsoft Exel .csv format
Dimensions	350*170*216 (mm)



- Fast and accurate measurement
- Sapphire Prism material, AISI316L head material
- Automatic and precise sample temperature adjustment using internal Peltier
- Displaying nD and Brix at the same time
- Capable of storing the measurement results of up to 6000 samples and printing them on paper directly
- USB port for transferring stored measurement results to a flash disk as a Microsoft Excel .csv file
- Touch screen display
- The best choice for measuring the concentration of high corrosive materials like acids and bases



PrismaTech® We Measure it



www.PrismaTech.ir

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