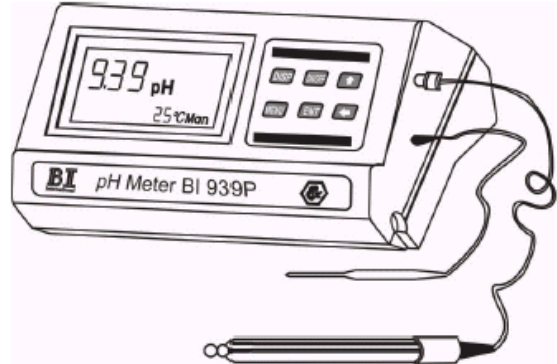


## BI 939P PORTABLE / LABORATORY pH METER

### Features :

- Microprocessor based
- Automatic two point calibration for pH with automatic buffer recognition
- Manual single & two point calibration for pH.
- Single / two point calibration for mv & temperature
- Dual display indicates pH (temp. compensated) & process temperature (°C) readings
- Also Displays mV, % slope
- Self diagnostic messages
- Rugged splash proof design
- Lithium battery for 4000 hours service life.
- Two year full warranty for meter.
- Automatic switch off after no use of 60 minutes
- Explosion proof certified (optional)
- Equipped with a leather pouch & shoulder strap for mobile application
- Compact design.
- 3 – point calibration



### Specifications

#### A) pH meter 939P

Display	:	;Dual display ( Liquid crystal display ) 13_ mm height for pH./ mV 7 mm. height for °C / ° F	
Range	:	pH..... :	0.00 --- 14.00
		ORP/ mV..... :	-1000mV to + 1000 mV
		Temp..... :	0°C to + 120° C.
Ambient Condition	:	-30 to + 50°C; 0-100% relative humidity, non condensing	
Temp Compensation	:	Manual / Automatic 0 --- 110°C	
pH / ORP Electrode connection	:	Universal BNC	
Temp sensor connection	:	Plug-in connection	
Power supply	:	2 x 3.0 V lithium batteries	
Automatic switch off	:	After 60 min	
Battery life	:	4000 hours	
Dimensions	:	134mm x 91mm x 37mm(LxWxH)	
Weight	:	210 grams	

**B) pH / ORP sensor**

General purpose rugged glass featuring fast response for pH.

Range

pH	:	0 to 14 pH
ORP	:	-1000mV to + 1000 mV.
Temperature	:	0 to 60°C / 80°C / 105°C
Response time	:	5 sec for 99% of signal at Constant temp 25°C.
Reference	:	(Ag/AgCl) for both Refillable / Gel-filled sensors.
Cable	:	3 ft with BNC

**C) Temperature sensor**

Type	:	RTD
Element	:	pt 100 / pt 1000
MOC	:	SS 316
Size	:	Length 120mm Diameter 6mm
Cable	:	Integral 3 ft with special connector

**Ordering Information**

**MODEL NUMBER**

BI 939P      Portable pH / ORP meter

**pH / ORP sensor**

- 0 – BI 030 (pH sensor, Glass body , 80°C )
- 1 – BI 031 (pH sensor, Epoxy body, 60°C )
- 2 – BI 032 (pH sensor ,Epoxy body, 60°C )
- 3. – LX 6100 ( pH sensor, Glass body, 105°C)
- 4. – F600 (pH sensor, Glass body, 135°C)
- 5 – HD 12102 (ORP Sensor , Epoxy body , 60°C )

**Temperature Element**

- T1 – Pt 100
- T2 – Pt 1000

- N – Standard
- Ex – Intrinsically safe certified .

Product Number

Choose one from each category