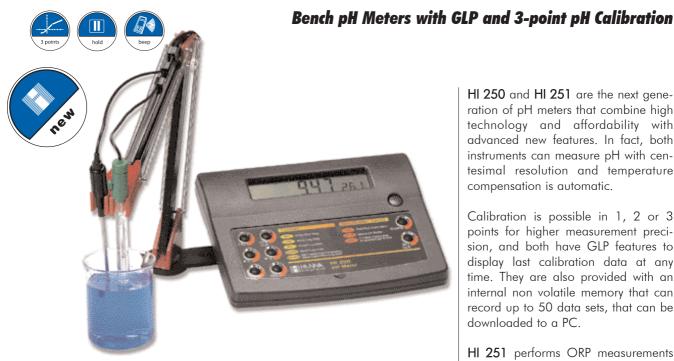
## HI 250 • HI 251



**Specifications** 

		HI 250	HI 251			
Range	рН	-2.0 to 16.0 pH; -2.00 to 16.00 pH				
Kungo	mV	— ±699.9 mV; ±2000 mV				
Temn	erature		-9.9 to 120.0°C			
Resolution pH			0.1 pH; 0.01 pH			
ROSOIOIIOII	mV	_	0.1 mV (±699.9 mV);			
			1 mV ( $\pm 2000$ mV)			
Temperature			0.1°C			
Accuracy (@20°C)	рН		$\pm 0.1 \text{ pH; } \pm 0.01 \text{ pH}$			
,,_ ,	m۷	_	$\pm 0.2 \text{ mV } (\pm 699.9 \text{ mV});$			
			$\pm 1 \text{ mV } (\pm 2000 \text{ mV})$			
Temperature			±0.4°C			
Relative mV Offset			$\pm~2000~\text{mV}$			
pH Calibration		automatic, 1, 2 or 3 point with 5 memorized values (pH 4.01, 6.86, 7.01, 9.18, 10.01)				
Temperature Compensation		automatic (with <b>HI 7669/2W</b> probe) or manual from -9.9 to 120°C				
pH Electrode		HI 1131B, glass-body, double junction, refillable, BNC connector, 1 m cable (included)				
Temperature Probe		HI 7669/2W with 1 m (3.3′) cable (included)				
Input Impedance		10 <sup>12</sup> Ohm				
PC Connection		RS232 opto-isolated serial port				
Power Supply		12 Vdc adapter (included)				
Environment		0 to 50°C (32 to 122°F); RH max 95%				
Dimensions / Weight		240 x 182 x 74 mm (9.4 x 7.2 x 2.9") / 1.1 kg (2.4 lb.)				

## **Accessories**

HI 1131B	Refillable pH electrode with	HI 77400P	pH 4 and pH 7 buffer sachets
	BNC connector		20 mL, 5 pcs. each
HI 7669/2W	Temperature probe	HI 70300L	Electrode storage solution
HI 76404	Electrode holder		500 mL bottle
HI 7004L	pH 4.01 buffer solution,	HI 710005	115 Vac/12 Vdc power adapte
	500 mL bottle	HI 710006	230 Vac/12 Vdc power adapte
HI 7007L	pH 7.01 buffer solution,	HI 92000	Windows® compatible software
	500 mL bottle	HI 920010	Serial cable for PC connection
HI 7010L	pH 10.01 buffer solution,		

HI 250 and HI 251 are the next generation of pH meters that combine high technology and affordability with advanced new features. In fact, both instruments can measure pH with centesimal resolution and temperature compensation is automatic.

Calibration is possible in 1, 2 or 3 points for higher measurement precision, and both have GLP features to display last calibration data at any time. They are also provided with an internal non volatile memory that can record up to 50 data sets, that can be downloaded to a PC.

HI 251 performs ORP measurements and displays pH measurements in the mV relative range.

The mV relative range is a new feature: the user can set any point to 0 mV to verify how much a reading differs from the starting point. This measurement range has been named "Relative mV Range" because the displayed values refer to a new zero point.

Both models are supplied complete with HI 1131B glass-body pH electrode with BNC connector for general purpose and HI 7669/2W temperature probe.

## **Ordering Information**

HI 250 and HI 251 are supplied complete with HI 1131B pH electrode, HI 7669/2W temperature probe, pH 4 and pH 7 buffer sachets (20 mL each), electrode refilling solution, electrode holder, 12 Vdc power adapter and instructions.



500 mL bottle