

## Feature Comparison

HI98107	Old	New
Automatic Calibration	No	Yes
Temperature compensation	No	Yes
Temperature readout	No	Yes
Stability indicator	No	Yes
Battery level indicator	No	Yes
Calibration tags	No	Yes
Automatic Shut-off	No	Yes



manual, two-point calibration through trimmers on the side



automatic twopoint calibration



sliding battery cover



twisting battery cover with o-ring seal



1.5Vbatteries (4)



CR2032 Li-ion battery (1)



electrode and junction



electrode, temperature sensor and junction



rectangular cap



curved cap design that can be used to remove battery cover

PH         Range         0.0 to 14.0 pH         0.0 to 14.0 pH           PH         Resolution         0.1 pH         0.1 pH           Accuracy (e/2.5°C/77°F)         ±0.1 pH         ±0.1 pH           Baltipation         manual, up to two-points         automatic, one or two-points ph 4.01, 7.01, 10.01)           Pemperature         Range         -         0.0 to 50.0°C (32.0 to 122.0°F)           Resolution         -         0.1°C (0.1°F)         -           Accuracy (e/2.5°C/77°F)         -         ±0.5°C (±1.0°F)         -           Specifications         Enmperature         -         CR2032 3V Li-ion/approximately 700 hours of continuous use           Specifications         Auto-off         -         Scrope (32 to 122°F); RH 95% max         Sminutes, 60 minutes, or can be disabled           Dimensions         175 x 41 x 23 mm (6.9 x 1.6 x 0.9")         160 x 40 x 17 mm (6.3 x 1.6 x 0.7")           Weight         95 g (3.4 oz.)         65 g (2.3 oz.) without battery	Specification Comparison		Old HI98107 (pHep)	New HI98107 (pHep)
PH         Accuracy (@25°C/77°F)         ±0.1 pH         ±0.1 pH           Calibration         manual, up to two-points         automatic, one or two-points (pH 4.01, 7.01, 10.01)           Resolution         -         0.0 to 50.0°C (32.0 to 122.0°F)           Resolution         -         0.1°C (0.1°F)           Accuracy (@25°C/77°F)         -         ±0.5°C (±1.0°F)           Emperature Compensation         -         automatic, 0 to 50°C           Battery Type / Life         1.5V (4) / approximately 700 hours of continuous use         CR2032 3V Li-ion / approximately 800 hours of continuous use           Additional Specifications         Auto-off         -         Baminutes, 60 minutes, or can be disabled           Environment         0 to 50°C (32 to 122°F); RH 95% max         O to 50°C (32 to 122°F); RH 95% max         Dimensions           Dimensions         175 x 41 x 23 mm (6.9 x 1.6 x 0.9")         160 x 40 x 17 mm (6.3 x 1.6 x 0.7")	рН	Range	0.0 to 14.0 pH	0.0 to 14.0 pH
Calibration   manual, up to two-points   automatic, one or two-points (pH 4.01, 7.01, 10.01)		Resolution	0.1 pH	0.1 pH
Range - 0.0 to 50.0°C (32.0 to 122.0°F) Resolution - 0.1°C (0.1°F)  Accuracy (@25°C/77°F) - ±0.5°C (±1.0°F)  Temperature Compensation - automatic, 0 to 50°C  Battery Type / Life 1.5V (4) / approximately 700 hours of continuous use  Additional Specifications  Auto-off - 8 minutes, 60 minutes, or can be disabled  Environment 0 to 50°C (32 to 122°F); RH 95% max  Dimensions 175 x 41 x 23 mm (6.9 x 1.6 x 0.9") 160 x 40 x 17 mm (6.3 x 1.6 x 0.7")		1	±0.1 pH	±0.1 pH
Resolution - 0.1°C (0.1°F)  Accuracy (@25°C/77°F) - ±0.5°C (±1.0°F)  Temperature Compensation - automatic, 0 to 50°C  Battery Type / Life 1.5V (4) / approximately 700 hours of continuous use 800 hours of continuous use  Additional Specifications  Auto-off - 8 minutes, 60 minutes, or can be disabled  Environment 0 to 50°C (32 to 122°F); RH 95% max  Dimensions 175 x 41 x 23 mm (6.9 x 1.6 x 0.9") 160 x 40 x 17 mm (6.3 x 1.6 x 0.7")		Calibration	manual, up to two-points	
Accuracy (@25°C/77°F) - ±0.5°C (±1.0°F)  Temperature Compensation - automatic, 0 to 50°C  Battery Type / Life 1.5V (4) / approximately 700 hours of continuous use 800 hours of continuous use  Additional Specifications	Temperature	Range	-	0.0 to 50.0°C (32.0 to 122.0°F)
Accuracy (@25°C/77°F) - ±0.5°C (±1.0°F)  Temperature Compensation - automatic, 0 to 50°C  Battery Type / Life 1.5V (4) / approximately 700 hours of continuous use 800 hours of continuous use  Additional Specifications		Resolution	-	0.1°C (0.1°F)
Additional Specifications  Pattery Type / Life 1.5V (4) / approximately 700 hours of continuous use 800 hours of continuous use 800 hours of continuous use 8 minutes, 60 minutes, or can be disabled 9 minutes, o			-	±0.5°C (±1.0°F)
Additional Specifications  Auto-off Auto-off Environment Dimensions  Pattery Type / Life of continuous use of continuous use  800 hours of continuous use  8 minutes, 60 minutes, or can be disabled  10 to 50°C (32 to 122°F); 0 to 50°C (32 to 122°F); RH 95% max  175 x 41 x 23 mm (6.9 x 1.6 x 0.9") 160 x 40 x 17 mm (6.3 x 1.6 x 0.7")			-	automatic, 0 to 50°C
Auto-off - disabled  Environment		Battery Type / Life		,
Environment         RH 95% max         RH 95% max           Dimensions         175 x 41 x 23 mm (6.9 x 1.6 x 0.9")         160 x 40 x 17 mm (6.3 x 1.6 x 0.7")		Auto-off	-	
		Environment	,	
Weight 95 g (3.4 oz.) <b>65 g (2.3 oz.) without battery</b>		Dimensions	175 x 41 x 23 mm (6.9 x 1.6 x 0.9")	160 x 40 x 17 mm (6.3 x 1.6 x 0.7")
		Weight	95 g (3.4 oz.)	65 g (2.3 oz.) without battery



## Ordering Information

HI98107 (pHep) is supplied with CR2032 battery, electrode cleaning solution sachet, pH 4.01 buffer solution sachet, pH 7.01 buffer solution sachet (2), storage/protection sleeve, instruction manual and quality certificate.