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**PRODUCT NO.: 7157**



## **pH METER, MARTINI INSTRUMENTS (pH -2 to 16)**

**DESCRIPTION:** The compact Milwaukee Mi105 is an extended range pH and temperature meter complete with a sturdy carrying case. The electrode has a built-in temperature sensor and amplifier which prevents electrical interference. The full-size display shows readings - range extending from -2.00 to 16.00 pH - while at the same time, displays temperatures from -5.0 to 105.0°C (23 to 221°F). It also has a stability indicator and a 'hold' feature which pauses the display to enable accurate recording. The battery life of the meter ensures over 500 hours of use. When turned ON, it executes a self-check and presents the remaining battery level. Calibration is implemented automatically at 1 or 2 points. This meter uses standard or NIST buffers.

### **FEATURES:**

- ✔ Portable pH and temperature meter
- ✔ Automatic Temperature Compensation (ATC) for exact readings in changeable climate conditions
- ✔ Automatic calibration at one or two points for custom calibration
- ✔ LCD screen shows the current measurement and temperature at the same time
- ✔ Graphic symbols to aid you with all operations
- ✔ Combination amplified pH electrode with internal temperature sensor and Bayonet Neill-Concelman (BNC) and Radio Corporation of America (RCA) connectors
- ✔ Auto power-off feature turns the meter off after eight minutes of idleness

### **INCLUDES:**

- ✔ pH, Temp Amplified Probe with 1 meter Cable (x1)
- ✔ Rugged Carrying Case (x1)
- ✔ 20 mL pH 4.01 Calibration Solution Sachet (x1)
- ✔ 20 mL pH 7.01 Calibration Solution Sachet (x1)
- ✔ 20 mL Electrode Cleaning Solution Sachets (x2)
- ✔ 9V Battery (x1)
- ✔ Instruction Manual (x1)

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**TECHNICAL SPECIFICATIONS:**

pH Range	-2.00 to 16.00 pH
Temperature Range	-5.0 to 105.0°C / 23.0 to 221.0°F
pH Resolution	0.01 pH
Temperature Resolution	0.1°C/0.1°F
pH Accuracy	± 0.02 pH
Temperature Accuracy	±0.5°C up to 60°C; ±1°C outside / ±1°F up to 140°F; ±2°F outside
pH Typical EMC Deviation	± 0.02 pH
Temperature Typical EMC Deviation	±0.2°C/±0.4°F
Temperature Compensation	Automatic, from -5 to 80°C
pH Calibration	Automatic, 1 or 2 points
Environment	0 to 50°C/32 to 122°F; max RH 100%
Auto-off	After 8 minutes of non-use
Dimensions: W x D x H (mm)	200 x 85 x 50
Weight (g)	260

**WARRANTY:** 2 years**USA | CANADA | AUSTRALIA PACIFIC | EUROPE****WWW.MEDISCA.COM**