



MODEL NO.: YSI-655

YSI pH METER MICROPROCESSOR BASED

—With Computer (MCCMS) Connectivity & with Magnetics Stirrer

Microprocessor controlled, having alpha numeric 4 line LCD display showing pH, my, temp., real time, process time simultaneously, inbuilt option to select between manual/auto temp. compensation. Type of temp. sensor, PT-100/LM-35 & the display resolution of pH (0.1,0.01,0.001). The unit also comprises of RS 232 port & magnetic stirrer, last calibration date is auto stored in the memory & user is allowed to set validity period of calibration.

The unit confirms to GLP standards.

Technical Specification

Range	: 0-14pH
Resolution	: 0.001 pH
Accuracy	: $\pm 0.001 \text{ pH} \pm 1 \text{ digit}$
Slop Adjustment	: 80% to 120% by default 100%
Temperature Compensation	: 0-100°C automatic with PT-100 Auto Buffer Recognition : 4.00pH, 7.00pH, 9.20pH Calibration : Auto as well as manual mV
Range	: -2000mV to +2000mV
Resolution	: 1mV
Accuracy	: $\pm 0.1\%$ of range $\pm 1 \text{ digit}$
Calibration	: Three point manual, Sensor PT-100 Probe Data Entry : By soft touch keys with audible sound
Storage	: 10 Samples
Functions	: pH & Temperature simultaneously
Display	: 20 Characters x 4 lines alpha numeric LCD
Power supply	: 230 V $\pm 10\%$, 50 Hz Ac (12 V Battery optional)
Supplied complete with pH electrode, Buffer solution, Electrode stand, Temp probe, Instruction manual.	