

Megitech Automation

**Model
505**



**Process pH Controller
& Transmitter**



Specification

Measurements	pH / Temp.
pH Range / Resolution	0.00 to 14.00pH / 0.01 Digit
pH Accuracy	Better than 0.10pH
Input Impedance	10^{12} Ohms
Temp. Range & Resolution	0 to 150 c / 1 Digit
Temperature Accuracy	+/- 0.5 % Of F.S
Temperature Compensation	AUTO / MANUAL
Temperature Sensor I/P	Pt-100 RTD (2 Wire Type Connection)
Display	Dual 4 Digit LED Display (Upper Display For pH & Lower Display For Temp.)
Buffer Calibration	3 Point Auto Calibration (7.00 / 4.00 / 9.20pH)
Error Indication	E1 / E2 / E3 for Out Off Buffers Range & Slop Error
* Relay O/P	1 OR 2 Relay O/P, (5 Amp. 24V Contacts Free Relay)
* Control Set Point Logic	Two Set Point With 1 Relay OR Two Set Point With 2 Relay OR Four Set Point With 2 Relay
* Current O/P [Optional]	4-20mA D.C Fully Isolated O/P (For pH Only)
* Modbus O/P [Optional]	Modbus RS 485 O/P , Protocol : Modbus RTU
Operating Environment	0 to 50 C
Power Supply	230 V A.C , +/- 10 V, 50 Hzs
Instruments Size & Type	96 x 96 x 70 mm , Panel Mount Type (Grey High Quality ABS Plastic Housing)

* Optional Features, Customer Have To choose the Optional Features As per There Requirement @ Extra Cost.

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