



SPECIFIC GRAVITY CONTROLLER MD-9900



Feature

- Upper & lower limit contact output.
- Temperature correction function.
- Analog output for recorder/printer.
- Panel installation type

Product specification

Item	Specification
Model Name	MD-9900
Measurement Range	0.700 - 1.750 * 0.800 - 0.900, 1.000 - 1.100 Selectable on request Range: 0.1 example: 0.800 - 0.900, 1.200 - 1.300 Range: 0.2 example: 0.800 - 1.000, 1.200 - 1.400
Specific Gravity Accuracy	+/-0.003 *1 Range: 0.1 Bob 50cm3: +/-0.003 Range: 0.2 Bob 25cm3: +/-0.006

Specific Gravity Temperature Compensation	Built in temperature compensation function
Temperature Measurement Range	0 - 50C
Temperature Accuracy	+/-1.0C *2
Specific Gravity Range Setting	Upper & Lower limits are determined by user (within predetermined range).
Point Of Contact Output	Direct relay a-contacted output at upper & lower limit (AC100V 1A)
Output	Specific gravity: 0 - 1V (0 - 10mV, 4 - 20mA) *3 Temperature: 10mV/C
Digital Output (Option)	RS232C (B9600, C8, NP, S1)
Ideal Running Temperature	0 - 50C
Power Supply	AC100V - 240V 50/60Hz
Weight	Approx. 450g (main unit)
Panel Dimension	90 x 90 (DIN96 x 96)

*1 The specific gravity measurement is accurate using a 50cm³ Bob, at a normal temperature.

*2 When the length of the temperature sensor is changed, the unit needs to be re-calibrated. (Accuracy decreases by 2C for every 5m temperature sensor extension wire used.)

*3 Recorder/printer output is determined when order is placed. (usually 0 - 1V)

* The above specifications are subject to change without notice.