

# ORP DESK

## GRAPHICAL LCD DESKTOP ORP INDICATOR



### OVERVIEW

The ORP 100 series instruments are extremely rugged and versatile ORP indicators. The display units can be programmed to a user defined value based on a straight line equation or a 16 point lookup table. ORP 100 instruments use a special high input impedance input stage for fast and accurate ORP measurement. Special electronics ensure that the input impedance is in excess of 10<sup>12</sup> ohms. This ensures that there is minimum error due to the extremely high output impedance of the ORP sensors. All these instruments are field programmable and have nonvolatile backup memory that does not need cumbersome batteries. These instruments also have the capability to switch on relay(s) based on user settings.

Automatic calibration is provided for fast field calibration. Optional features include RS485 with MODBUS network capabilities. Optional 4-20mA output can be programmed between any desired range.

### FEATURES



- pH, Temperature, mV Indication
- Conductivity, TDS, Temperature Indication
- ORP, mV, User Programmable Variable, Temperature Indication
- DO %, User Programmable Variable, Temperature Indication
- Monitor any 3 parameters at a time
- Programmable temperature compensation
- 128 x 64 graphic displays
- USB interface
- Touch Sensitive Keypad
- Easy multipoint calibration
- Inbuilt data logging with RTC
- Sensor Calibration/Change Data
- Configurable graph on the graphical display
- Time based alarms




## SPECIFICATIONS

Model	ORP DESK
Range	-1200mV to +1200mV
Signal Type	ORP Probe / mV Sensors
Display	128 x 64 Graphical LCD
No of Channels	1
Output power	Available on request
Zero and Span	-19999 to 19999
Conversion Type	mV indication, Linear Programmable variable, 16 Point lookup table conversion
Accuracy	± 0.5% of full scale
Operating Temperature	0 - 50° C
Storage Temperature	0 - 60° C
Relative Humidity	0 - 85% RH (non-condensing)
Program Variables	Saved in non-volatile EEPROM. No battery backup required
Voltage	220 V ~ AC ±15% / 110V AC / 24V DC (Factory configurable)
Frequency	50 / 60 Hz
Power Consumption	Less than 2 Watts



Ph: +91 44 2482 7879   
sales@gsv-microtech.com   
www.gsv-microtech.com 

3/531/A Kundrathur Road, Madanandapuram,   
Porur, Chennai - 600 116. India.



Scan to download  
ORP DESK datasheet