



# Water Analyser 371



A MICRO CONTROLLER BASED

## SALIENT FEATURES

MEASURES

pH  
mV / ORP  
Conductivity / TDS  
Salinity  
Dissolved Oxygen  
Temperature  
Colorimeter  
Turbidity

## SPECIFICATIONS

### pH

Range : 0 to 14.00 pH  
 Resolution : 0.01 pH  
 Accuracy :  $\pm 0.01$  pH  $\pm 1$  Digit  
 Sensor : Combined Electrode  
 Temp. Compensation : Auto & Manual

### mV / ORP

Range :  $\pm 1999$  mV  
 Resolution : 1 mV  
 Accuracy :  $\pm 1$  mV  $\pm 1$  Digit  
 Sensor : Combined Electrode

### Conductivity / TDS

Range : 0 to 100 mS (5 ranges)  
 0 ppm to 100 ppt (5 ranges)  
 at TDS factor 0.5 (Approx) & TEMPCO 2%  
 Accuracy :  $\pm 1\%$  of FS  $\pm 1$  Digit  
 Sensor : Conductivity Cell  
 (Acceptable from 0.1 to 5.0 cell constant)  
 Temp. Compensation : Auto / Manual

### Salinity

Range : 0 to 40 ppt  
 Resolution : 0.1 ppt  
 Accuracy :  $\pm 2\%$  of FS  $\pm 1$  Digit  
 Sensor : Conductivity Cell  
 (Acceptable from 0.1 to 5.0 cell constant)  
 Temp. Compensation : Auto / Manual

### Dissolved Oxygen

Range : 0 to 20 ppm  
 Resolution : 0.1 ppm  
 Accuracy :  $\pm 1\%$  of FS  $\pm 1$  Digit  $\pm 0.1$   
 Sensor : Au / Ag Probe  
 Temp. compensation : Auto / Manual

### Temperature

Range : 0 to 100°C  
 Resolution : 0.1°C  
 Accuracy :  $\pm 0.5^\circ\text{C} \pm 1$  Digit  
 Sensor : PT 100

### Colorimeter

Range : 0 to 2.00 Abs  
 0 to 100 %T  
 Conc : 0 to 1999  
 Accuracy :  $\pm 0.05$  Abs  
 Resolution : 0.001 Abs / 0.1 % T  
 Sensor : Photodiode  
 Source : Tungsten Lamp  
 Filters : Blue (440 nm)  
 Green (540 nm)  
 Red (660 nm)

### Turbidity

Range : 0 to 1 NTU  
 0 to 10 NTU  
 0 to 100 NTU  
 Accuracy :  $\pm 2\%$  of FS  
 Sensor : Photodiode  
 Source : Tungsten Lamp

### General

Display (LCD) : 2 line 20 char. Alphanumeric  
 Printer Port : Epson Compatible 80 Column D.M. Printer  
 Power : 230 V 50 Hz  $\pm 10\%$  or  
 Internal Battery with charger  
 Dimensions : 420(W) X 520(D) X 175(H) mm  
 Weight : 9 kg (Approx)

### Accessories

Combined  
Electrode

pH / mV / ORP



Conductivity  
Cell

Conductivity / TDS / Salinity



D. O. Probe

Dissolved Oxygen



Temperature  
Probe

Temperature



4 Nos. Test tubes  
for Colorimeter &  
Turbidity Meter  
3 Nos. Filters for  
Colorimeter

Colorimetric - Abs, %T &  
Conc. Turbidity (NTU)



\*Technical Specifications, Appearance & model number are subject to change without prior notice in keeping up with the state of art.