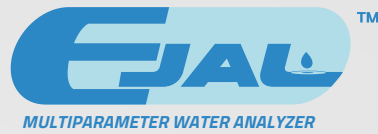


**PE 149**

PRODUCT SPECIFICATION SHEET

## Portable Multiparameter Water Quality Analyzer



Empaneled under  
Innovative Technology by  
National Jal Jeevan Mission



## Portable Multiparameter Water Quality Analyzer

# PE 149



Multiparameter Water Quality Analyzer covers all the important parameters of drinking water analysis. It is highly precise, robust, most useful for routine analysis.

### APPLICATION

Water

Food & Beverages

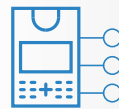
Soil



Portable &  
Battery Operated



5" Inch High  
Resolution Display



In-Built  
Pre-Programmed  
Methods



Pre-Calibrated for  
Water Parameters



Supports Tablet  
Reagents



Support USB,  
Bluetooth, NFC

### SALIENT FEATURES

- Multiparameter Water Analyzer for testing of key water testing parameters
- Portable Instrument for field use
- Operates on Mains or Battery
- Stable LED Light Source
- Routine Analysis for large no of samples
- Supports multiple path lengths
- In-Built Pre-Programmed Water Methods
- User defined methods for Specific Tasks
- Simultaneous measurement of pH & EC Measurement
- Built-In GPS Tracker

## Technical Features



Pre-Programmed Water Methods



Pre-Calibrated For Water Parameters



Supports Tablet Reagents



Local Storage for >1000 Samples



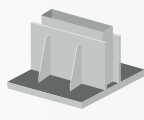
Portable



5" TFT



Battery Operated



Multipath Length Holder



Support for USB, Bluetooth, NFC

Bluetooth and NFC are optional



Online Cloud Storage



Measures pH, EC, TDS, and Temperature simultaneous

## e-Jal chemical Parameters

### Physical Parameters

pH

**pH**

EC

**Conductivity**

Total Dissolved Solids

**TDS**

Turbidity

**Tu**

Color

**Col**

### Non Metals

Total Hardness

**TH**

Total Alkalinity

**TA**

Chloride

**Cl**

Sulphate

**SO<sub>4</sub>**

Fluoride

**F**

Nitrate

**NO**

Residual Chlorine

**RC**

Ortho Phosphate

**PO<sub>4</sub>**

Sulphide

**S**

Ammonia

**NH<sub>3</sub>**

Calcium

**Ca**

Surfactants M Anionic

**MBAS**

### Metals

Magnesium

**Mg**

Iron

**Fe**

Aluminum

**Al**

Manganese

**Mn**

Copper

**Cu**

Zinc

**Zn**

### Toxic Metals

Chromium

**Cr**

Nickel

**Ni**

Lead

**Pb**

Cadmium

**Cd**

Arsenic

**As**

### Toxic Non Metals

Cyanide

**CN**

### Organic Compounds

Phenols

**Phe**

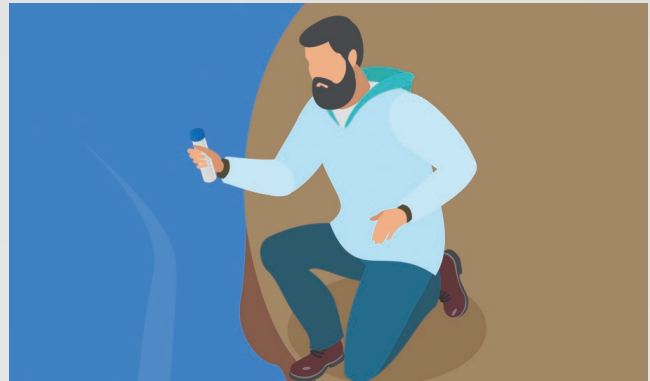


Hard Carry Case





1. Move to the customer location along with the Portable Water Quality Analyzer



2. Collect the Water Sample



3. Switch on the Portable Water Quality Analyzer, Capture the sample details - LATITUDE, LONGITUDE etc.



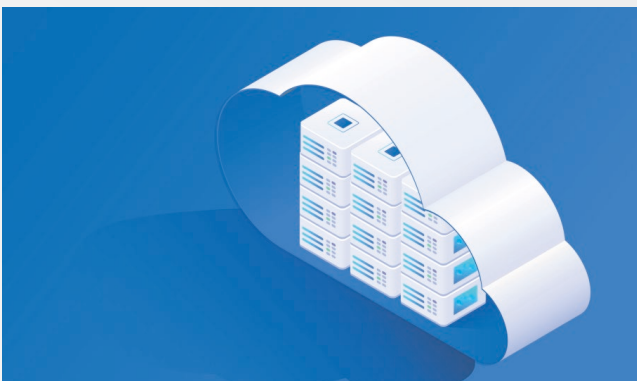
4. Choose the Parameter you would like to analyze



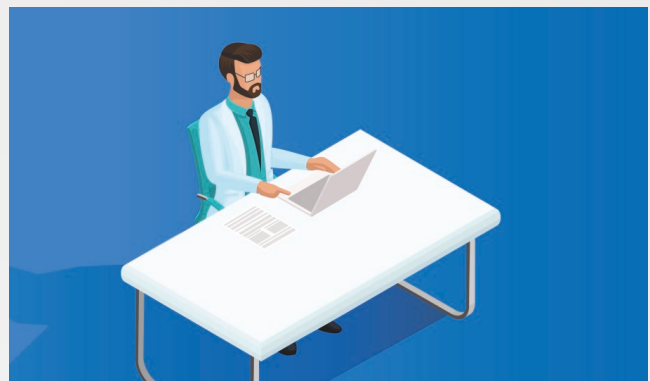
5. Mix the necessary reagent with the water sample, Insert the sample in the instrument and START the Sample analysis.



6. Display Results



7. Automatically Transfer Data to the Cloud Server



8. Remote Data Analysis (Usage, Trends etc.) and Corrective Actions

Celebrating 60 years  
of our Journey



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