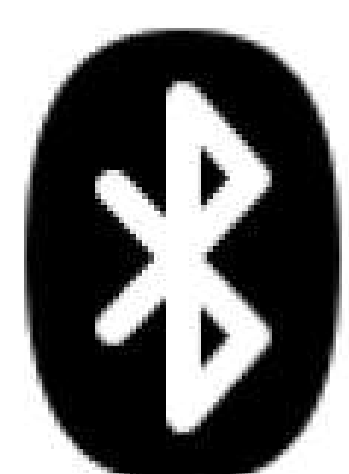




CLUIX C011

जल गुणवत्ता विश्लेषक Water Quality Analyser

Features



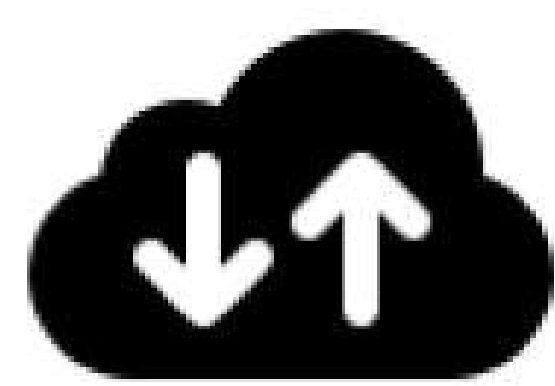
Bluetooth



Wi-Fi



Touch Screen



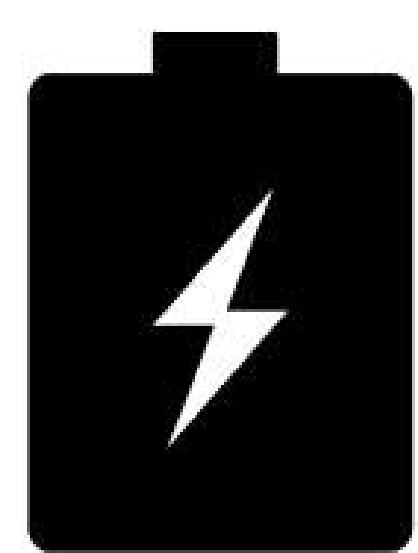
IOT



Mobile App



GPS



Rechargeable



IP67



Parameters

TH 0~600 ppm
Total Hardness

EC 0~1413 $\mu\text{S}/\text{cm}$
Electrical conductivity

TUR 0~10 NTU
Turbidity (NTU)

FRC 0~3 ppm
Free residual Chlorine

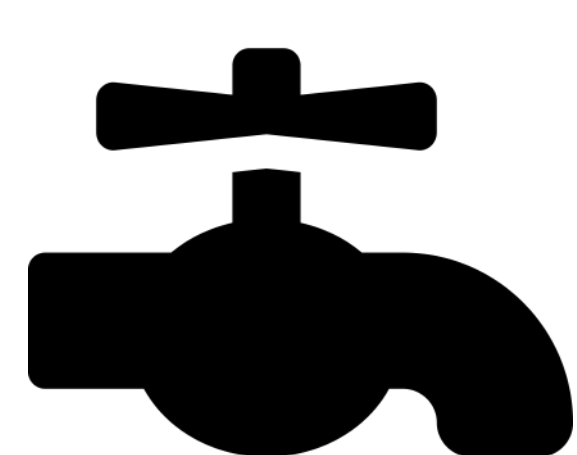
TDS 0~700 ppm
Total dissolved solids

Pb 0.1~5 ppm
Lead - Heavy metal

HU 0~15 HU
Colour - Hazen Unit

pH 3~10 pH
Potential of hydrogen

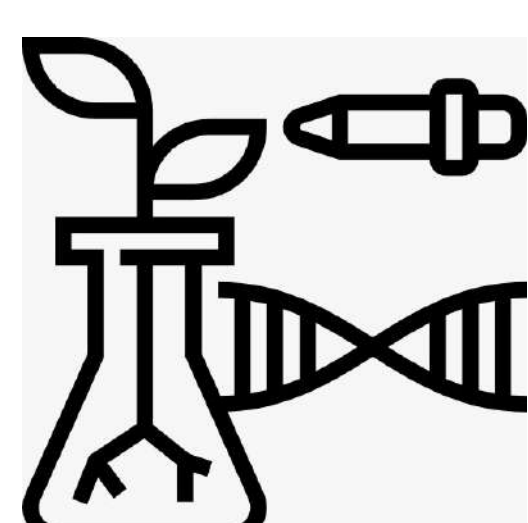
Applications



Water



Soil



biotechnology



Chemical



Pharmaceutical



Research



Agriculture

Key Advantages

- Evaluated by NABL Accredited Laboratory
- IoT Data Sharing
- Pre-Calibrated
- One Step Test
- User Friendly
- AI Powered
- Mobile app

Ergonomic Design



SPECIFICATIONS

Test Parameter	Method	Reagent	Range	Resolution	Accuracy
Turbidity (NTU)	Nephelometry	Not required	0 - 10 NTU	0.01	±1%
Colour - Hazen/PtCo Unit (HU)	Colorimetry	Not required	0 - 15 HU (PtCo)	0.01	±1%
Total dissolved solids (TDS)	Conductivity	Not required	0 - 700 ppm (mg/l)	0.1	±2%
Electrical conductivity (EC)	Conductivity	Not required	0 - 1413 µs/cm	0.1	±2%
Potential of hydrogen (pH)	Colorimetry	C011-pH	3 - 10 pH units	0.01	±1%
Free residual Chlorine (FRC)	Colorimetry	C011-FRC	0 - 3 ppm (mg/l)	0.01	±1%
Lead - Heavy metal (Pb)	Colorimetry	C011-Pb	0.1 - 5 ppm (mg/l)	0.1	±3%
Total Hardness (TH)	Colorimetry	C011 TH-A, TH- B, TH-C	0 - 600 ppm (mg/l)	0.1	±2%

Resource	Technical Details
Microcontroller (MCU)	ESP 32 & Xtensa 32-bit, 240MHz dual core
Connectivity	Wi-Fi, Bluetooth, Aux port, USB Type C
Input Voltage	5V @ 500mA
IPS LCD Screen	Coloured capacitive Touch, 2.4 Inch
LCD resolution	320*240 pixel
Lithium Battery	1800 mAh @ 3.7V
Battery Life	36 hours
Product Size	85*57*65 mm
Package Case Size	260 * 200 * 120 mm
TF card slot	16 Gigabytes max
Operating temperature	0°C to 60°C
Case Material	Polypropylene
Sample bottle	25.5 ø, 58mm, flat bottom
Accessories	Carrying case, User Manual, AC/DC Charger, Type C USB Cable, TDS Probe, Sample bottle, Micro fibre cloth.



Upcoming Parameters: Iron(Fe), Fluoride (F) & Nitrate (NO₃)

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Scan to download our
Mobile Application Cluix C011

