



WiSens



Autonomous Data Logger family

Conductivity, Temperature, Depth, Waves, Turbidity or Acceleration

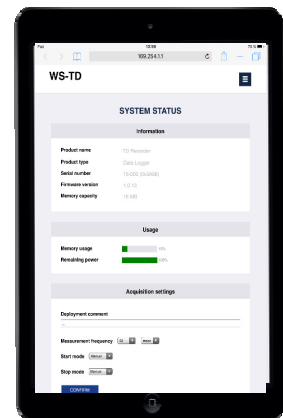
The new **WiSens** family from NKE Instrumentation have WiFi embedded within the instrument that can be accessed via any web-browser on any WiFi enabled device (laptop, tablet, phone). Internal software means no dedicated interface programme is required and they are simple to set-up, use and download.

With a diameter of 40mm and lengths from 230 – 320mm they are compact and robust, allowing use in many applications where mid-range accuracy is required. A user-changeable, high capacity D cell lithium battery can provide power for several years of use (depending on sampling rate).



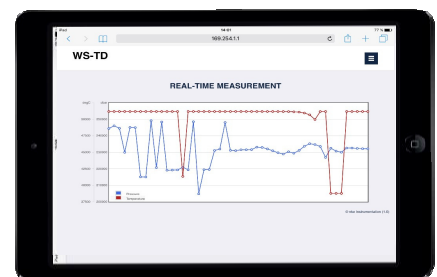
Features

- Affordable accuracy
- Access with any web-browser from any device
- Fast preview of processed data
- Conditional, timed or manual starts & stops
- Duty cycling and sub-sampling (with averaging)
- Up to 16 Hz sampling rate (Wave)
- Copper anti-fouling shield (CTD)
- Memory & Power usage indicator



WiSens CTD 50 or 300	Conductivity, Temperature & Depth	315mm x Ø 40mm	435g
WiSens TD 50, 500 or 1000	Temperature & Depth	230mm x Ø 40mm	325g
WiSens TD 6000	Temperature & Depth	265mm x Ø 40mm	690g
WiSens Wave 10 or 50	Temperature & Depth (Tide & Waves)	230mm x Ø 40mm	325g
WiSens TBD 50 or 500	Turbidity, Temperature & Depth	320mm x Ø 40mm	400g
WiSens AD 6000	Acceleration & Depth	261mm x Ø 40mm	700g

Parameter	Range	Accuracy
Conductivity	0 - 70mS/cm	0.04 mS/cm
Salinity	2 - 42 PSU	0.05 PSU
Temperature	-2°C - +35°C	0.005°C
Depth	20, 50, 500, 1000, 6000m	0.15% FS
Turbidity	0 - 4000 NTU	<2%
Acceleration	± 2G	1%



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