

### Transmitter Specifications

S. No	Parameter	Specification
1	Dimensions	Maximum W x H x D (32 cm x 26 cm x 16 cm) Approx.
2	Weight	Maximum 3.5 Kg
3	Power Supply	Li-ion 7.2 V 9.8 Ah
4	Operating time with battery	Maximum 16 Hours
5	Transmitter Power	Maximum 3.6W
6	Operating mode	Direct method, clamp method, Inductive method
7	Frequency	8kHz & 32kHz
8	Voltage, Power, Resistance & Power measurement	Should be available
9	Auto off function	Should be available
10	Ability to work with live cables	Should be available with clamp & inductive methods
11	Warning symbol if voltage > 50V	Should be available
12	Fuse protection (0.5A/250V AC)	Should be available
13	Ingress Protection (EN 60529)	IP 67
14	Operating Temperature	-10°C to 60°C
15	Storage Temperature	-20°C to 60°C
16	Quality Standard	As per ISO 9001
17	EMC Requirements	EN 61326-1 & EN 61326-2
18	Measurement category (EN 61010-1)	CAT III 300V
19	Type of Insulation	Double insulation EN 61010-1 & IEC 61557

### Detector Specifications

20	Dimensions	Maximum W x H x D (30 cm x 28 cm x 11 cm)
21	Weight	Maximum 1.3 Kg
22	Power Supply	Li-ion 3.6 V 6.7 Ah
23	Operating time with battery	Maximum 13 Hours
24	Compass & arrow indication	Should be available
25	Operating modes	Active mode, Passive mode (Power Mode & Radio mode)
26	Active mode frequencies	8kHz, 32kHz
27	Power Mode	50 Hz, 60 Hz
28	Radio Mode	2...65kHz
29	Display (Mandatory)	Wireless display with 7-inch touch screen (Mandatory)
30	Communication with display	Via Bluetooth up to 500m range in open space
31	Wireless communication standard	Bluetooth 5.0

32	Auto off function	Should be available
33	Depth measurement in meter	Up to 6m
34	Leakage current measurement	Should be available
35	Angle from cable measurement	Should be available
36	Distance from cable measurement	Should be available
37	GPS	Should be available
38	GPS point info	Latitude & Longitude, Depth, Current, Angle, Distance
39	Graphical signal representation	Should be available
40	Audio of the signal	Should be available
41	Method of Signal reception	Narrow, Wide, Selective
42	Battery & charging indication	Should be available
43	Mobile Application	Should be available
44	Saved data transfer	To mobile app
45	Date & time of saved data	Should be available
46	Ingress Protection Class	IP 65
47	Insulation Type	Double insulation
48	Operating Temperature	-10°C to 50°C
49	Storage Temperature	-20°C to 60°C
50	Quality Standard	ISO 9001
51	EMC Requirements	EN 61326-1 & EN 61326-2-2
52	Additional Features	1. Live positioning preview 2. Measure distance to specific waypoint 3. Export routes to other devices 4. Recover routes from mobile device's memory 5. Review all recorded parameters 6. Merging routes 7. Add notes to routes and measurement points
53	Accessories	Transmitter, Receiver, Wireless Display, 2 test leads, 2 crocodile clips, Earth spike 30cm, Charger for transmitter & receiver, Charger for wireless display, Long handle for receiver, Holder for wireless display
54	Warranty	Two years
55	Service Centre	Should be available in India
56	Accepted Makes	Doble, Sonel, Altanova, ISA, Vanguard, Scope