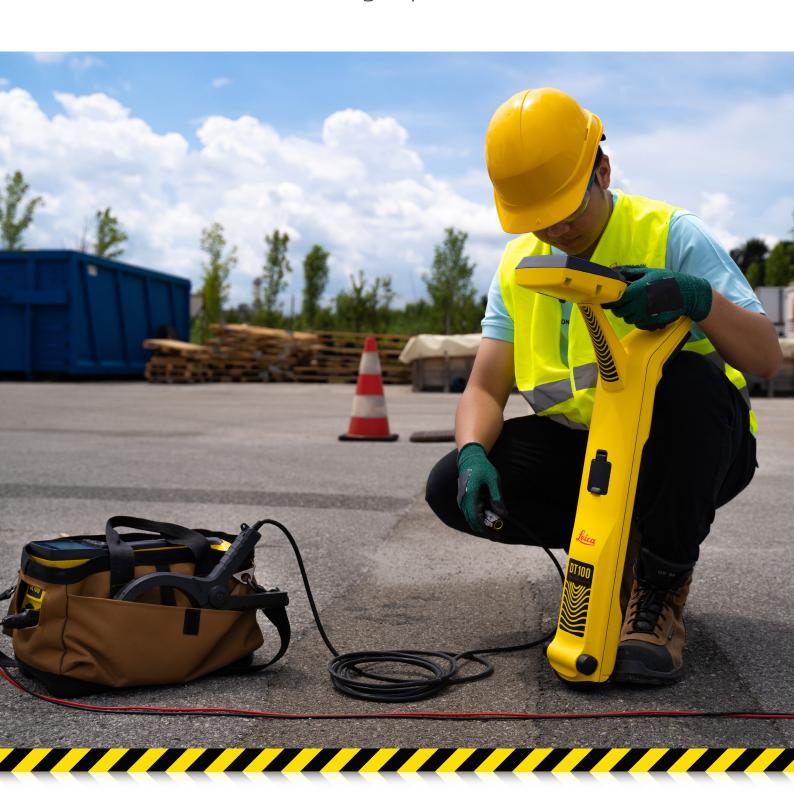
Leica DT100 and DE100

Outstanding utility detection at your fingertips









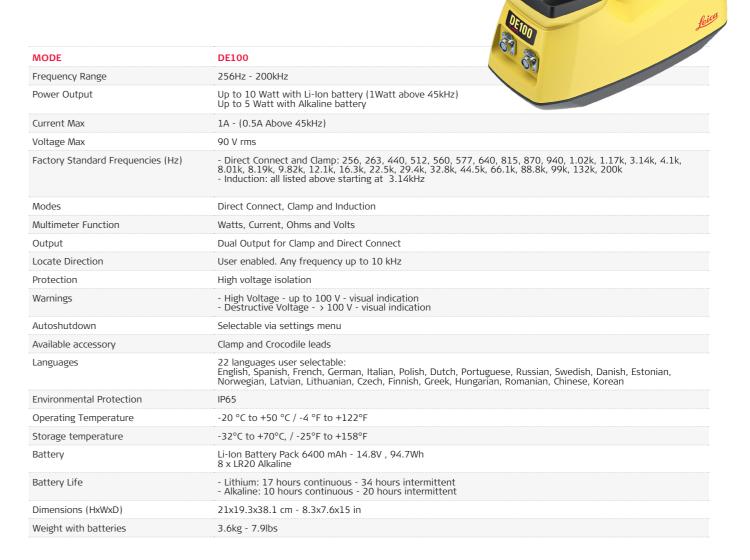




DT100 Precision Locator Technical Specifications

MODE	DT100
Frequency Range	50Hz - 200kHz
Sensitivity	33kHz (1μA at 1m)
Dynamic Range	117dB 6m / 20ft 11m / 36ft
Max Automatic Depth	6m / 20ft
Max Pushbutton Depth	11m / 36ft
Locate Accuracy	±5% depth
Dynamic Overload Protection	60dB (automatic)
Depth Accuracy	- In line ±5% to 3m / - In line ±5% to 10ft - Sonde ±5% to 3m / - Sonde ±5% to 10ft - Passive ±5% to 3m / - Passive ±5% to 10ft
Factory Standard Frequencies (Hz)	- Power: 50,60, 150, 180, 450, 540 - Grouped Power: 50,60 (+odd harmonics up to ~1.1kHz) - Radio: bandwidth approx 13kHz - 28kHz - Cathodic: - 120Hz for 60Hz - 100Hz for 50Hz - Active: 256, 263, 440, 512, 560, 577, 640, 815, 870, 940, 1.02k, 1.17k, 3.14k, 4.1k, 8.01k, 8.19k, 9.82k, 12.1k, 16.3k, 22.5k, 29.4k, 32.8k, 44.5k, 66.1k, 88.8k, 99k, 132k, 200k - Sonde: 512, 640, 8.19k, 32.8k
Locate Direction	Any frequency from 256Hz to 10kHz
Fault-finding DE based	263Hz
Active Locate Mode	 Twin Single Peak Null Twin Sweep (Omnidirectional) Single Sweep (Omnidirectional)
Gain Control	Manual gain using "↑" or "↓" buttons
Alerts	- Strike Alert - Swing Warning - Overead Cable
Frequency Analyzer	Determines the best frequency option based on environmental interference
Autoshutdown	Selectable via settings menu
Connectivity	Bluetooth low energy (BLE)
Available accessory	Ring Clamp
Languages	22 languages user selectable: English, Spanish, French, German, Italian, Polish, Dutch, Portuguese, Russian, Swedish, Danish, Estonian, Norwegian, Latvian, Lithuanian, Czech, Finnish, Greek, Hungarian, Romanian, Chinese, Korean
Backlight	Selectable via settings menu
Units	Metric and Imperial - selectable via settings menu
Environmental Protection	IP65
Operating Temperature	-20 °C to +50 °C / -4°F to +122°F
Storage temperature	-32°C to +70°C / -25°F to +158°F
Battery	Li-Ion Battery Pack 3200mAh - 11.1V, 35.5Wh 6 X AA Alkaline Battery
Battery Life	- With Lithium: 15 hours continuous - 30 intermittent - With Alkaline: 5 hours continuous - 10 intermittent
Dimensions (HxWxD)	68x14.7x32.6 cm - 26.7x5.8x12.7 in
Weight with batteries	2.1kg - 4.8lbs

DE100 Signal Transmitter Technical Specifications



Leica Geosystems - when it has to be right

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