



vProbe - Tactile Measuring Sensor

WIRELESS, HAND-HELD, LIGHTWEIGHT, TACTILE PROBE

vProbe's wireless technology syncs perfectly with Radian Plus and Pro Laser Trackers. vProbe makes it easier to operate in your workspace without having to reposition your tracker or fixtures to obtain hidden points, deep holes, and hard to reach measurements.

FEATURES & BENEFITS

- **True Wireless Portability** - vProbe's wireless technology and integrated battery allow portable measurement for 6-8 working hours on a single charge (multiple battery options are available).
- **Long-Range Measurement** - vProbe is certified for the full working range of the Laser Tracker (up to 80m).
- **Dynamic Scanning** - vProbe's dynamic scanning capability provides instant coordinate feedback, allowing the operator to take continuous measurements and layout points in real time.
- **Automatic Probe Recognition (APR)** - Automatic Probe Stylus Recognition to identify probe length and tip size, eliminating manual selection during measurements.
- **Smart Buttons** - Smart Buttons are pre-programmed to maximize hardware and software functionality, minimizing computer interaction and controlling measurements from your fingertips.
- **Compact Design** - vProbe has a lightweight design and fits with the tracker in a single carrying case.
- **Ergonomic** - vProbe can be operated for longer periods of time with its lightweight design and easy-hold grip.
- **Multiple Stylus Options** - Variety of styli tip diameters and lengths available (50mm-500mm).
- **Flexibility** - Dual stylus locations, easy indicator lights, and stylus toggle switch make measurements with vProbe quick and convenient.

SPECIFICATIONS

Radial Tracking Distance	Up to 80m (with wireless extender)
Wireless Frequency	2.4 GHz
Lithium Ion Battery	Between 6 and 8 hours
Weight	0.56kg (with two batteries)
Operating Temperature	+5°C to +35°C
Storage Temperature	-10°C to +45°C





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PROBE ACCURACY

150mm Effective Stand-Off (w/100mm Stylus)**

	7m	15m	Above 15m
3D Points (3D ^U)	75 µm	115 µm	40 µm + 5 µm/m
Spatial Length (SL ^U)	50 µm	85 µm	10 µm + 5 µm/m
Sphere Radius (R ^U)	30 µm	40 µm	10 µm + 2 µm/m

PROBE ACCURACY

100mm Effective Stand-Off (w/50mm Stylus)**

	7m	15m	Above 15m
3D Points (3D ^U)	55 µm	100 µm	30 µm + 5 µm/m
Spatial Length (SL ^U)	40 µm	85 µm	10 µm + 5 µm/m
Sphere Radius (R ^U)	20 µm	40 µm	10 µm + 2 µm/m

**These values represent the Maximum Permissible Error (MPE) between a verified Scale Bar and the expected performance of the instrument.
Longer Stylus lengths available - accuracy dependent on length.



Only batteries provided by API may be used with any API product.
For equipment in Europe: Do not replace with inadequate cords that do not meet the product specification. Please call API support for assistance.
Please note that a manual will be provided in German, French, Italian, or specified country of sale.

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