
2.6 Technical Specifications

2.6.1 Mechanical Diagram

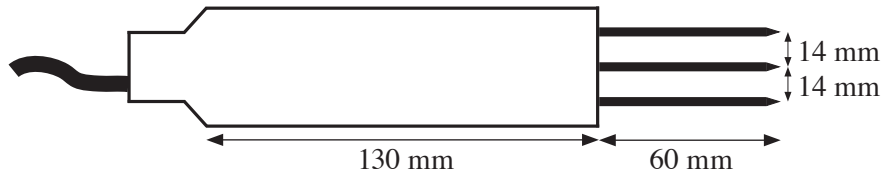


Figure 3. Mechanical Dimensions

2.6.2 Electrical and Mechanical Specifications

Measurement Range	0–100 VSW%
Accuracy	2 VSW% after calibration to a specific soil type, or 5 VSW% using the supplied soil calibration
Interface	Input requirements: 7–18 V DC unregulated Power consumption: 32 mA typical Output signal: 0–1 V for 0–50 VSW%
Response Time	Less than 0.5 seconds
Stabilisation Time	5 seconds approximately from power-up
Mechanical	Total length 215 mm. Diameter 40 mm Needle length 60 mm, needle separation 14 mm Exterior ABS Plastic Needles Stainless Steel Cable 4.5 m Standard
Environment	Designed for permanent burial

ICT International Pty Ltd

PO Box 503, Armidale NSW 2350, Australia
Tel [61] 2-6772-6770 Fax [61] 2-6772-7616
Email: sales@ictinternational.com
Email: www.ictinternational.com