Scorpion DCP

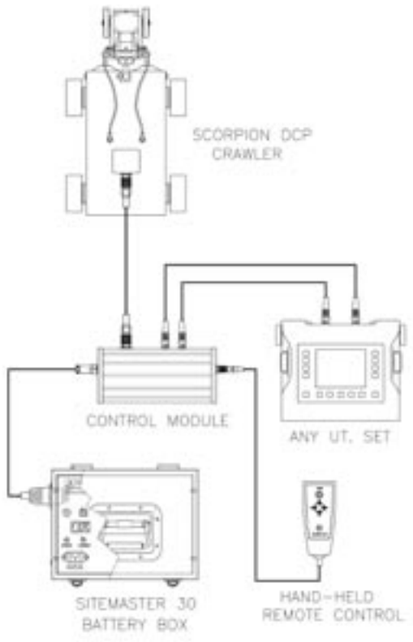
ONE SYSTEM
TWO OPTIONS

Scorpion is a rugged remote access crawler designed to allow cost effective ultrasound thickness measurements on above ground ferro-magnetic structures.

Scorpion BP

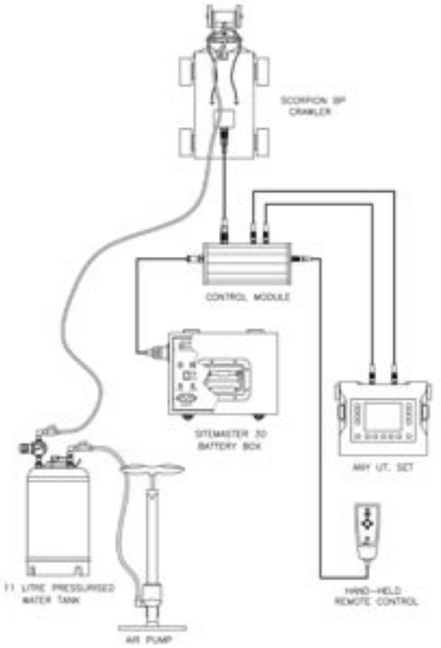
The Scorpion DCP remote access crawler uses a unique “Dry Coupled” wheel probe eliminating the need for traditional couplant. This allows the crawler to travel vertically, horizontally or even inverted whilst still fully functional. Compatible with ANY ultrasonic system, a 50 metre umbilical cable allows access to the furthest point of most structures without the need for scaffolding.

Powered by the Sitemaster 30 battery pack, the system is capable of 8 hours continuous operation on a single charge.



The Scorpion BP remote access crawler comes supplied with an irrigated dual 5MHz transducer fed from a pressurised stainless steel reservoir. Compatible with ANY ultrasonic system, a 30 metre umbilical cable with water feed allows access to the top of the highest storage tank for remote access measurements.

Powered by the Sitemaster 30 battery pack the system is capable of 8 hours continuous operation on a single charge.



Technical and Performance Specification

Dimensions	Length 385 mm x Width 222 mm x Height 102 mm
Weight without cables	4.75 Kg
Adhesion	Neodymium iron boron magnets mounted in centre of carriage
Pull off force	13.6 Kg
Drive	four (4) independent 12 volt Dc motors
Drive wheels	coated in special non-slip synthetic rubber compound
Speed	25 mm/second
Umbilical Cable	length 50 metre
Transducer	Dry coupled wheel using "RoCee" rubber 5 Mhz dual / twin compression transducer
Near surface resolution	2.5 mm
Power supply	28 Ah sealed lead acid gel battery pack with integral charger
Test time	8 hours complete system

- **Unique dry coupled wheel transducer**
- **Remote operation with NO height restrictions**
- **12VDC self contained system**

- **Pressurised water supply**
- **Remote operation with height restrictions**
- **12VDC self contained system**

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Dimensions	Length 385 mm x Width 222 mm x Height 102 mm
Weight without cables	4.75 Kg
Adhesion	Neodymium iron boron magnets mounted in centre of carriage
Pull off force	13.6 Kg
Drive	four (4) independent 12 volt Dc motors
Drive wheels	coated in special non-slip synthetic rubber compound
Speed	25 mm/second
Umbilical Cable	length 30 metre
Transducer	Water irrigated 5 Mhz dual / twin compression transducer
Near surface resolution	2.5 mm
Power supply	28 Ah sealed lead acid gel battery pack with integral charger
Test time	8 hours complete system