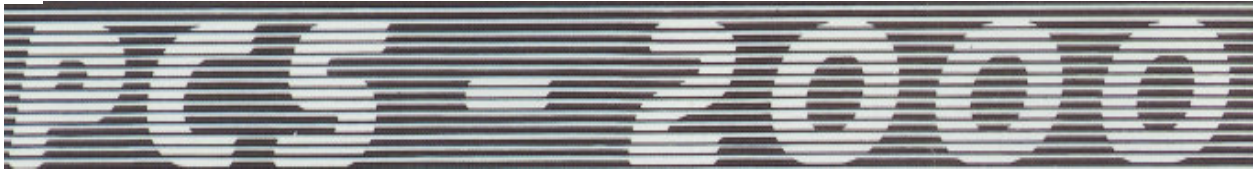




DCVG SURVEY EQUIPMENT



The PCS-2000 for pipeline coating surveys fast - accurate - versatile - easy to use.

Uses

- Accurately locates coating defects
- Estimates defect sizes
- Estimates levels of CP protection at defects
- Identifies priorities for excavation
- Provides data for CP adjustment/Upgrading
- Enables coating deterioration to be monitored
- Also confirms electrical continuity and locates shorts

Features

- High accuracy coating defect surveying
- Rapid technique requiring 1 man
- Incorporates the proven reliability of the DC voltage gradient technique
- Advanced, patented electronics.
- User-friendly operation

Environments

The PCS-2000 and development models have been tried and proven under harsh and varying conditions

- Across deserts, streams, and rocky terrain
- Along asphalt and concrete paved roads
- Near electrified DC rail systems and overhead power lines
- During extreme weather conditions

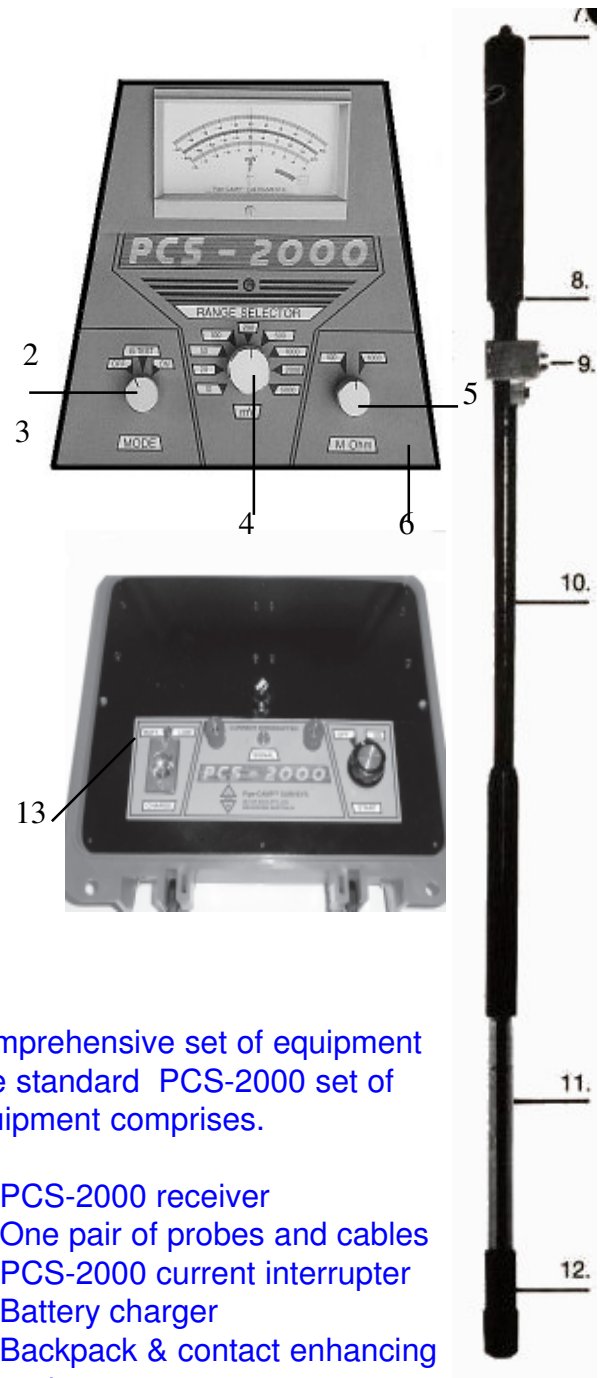
PCS-2000 is a registered trademark of Southern Corrosion Control Services Australia

Equipment

Description

1. The meter dial layout is emphasised for easy reading with an accuracy to Class 1 ASC42. It has a pivoted spring suspension action and a high sensitivity 100/1000 megohm input resistance.
2. On-Off switch incorporates a battery test.
3. A 1.2Ah rechargeable battery enables up to 50 hours of operation before requiring a recharge.
4. Range selection available provides the operator with a high degree of flexibility when surveying differing coating qualities.
5. Input impedance selection for testing across normal terrain or high resistance surfaces.
6. Black powder coated aluminium case.
7. Auto-zero button automatically returns meter needle to zero position for ease of taking readings.
8. Soft foam comfortable hand grip.
9. Sturdy cables with positive lock connectors
10. Light-weight fibreglass construction.
11. Easy-to-maintain non-polarising copper/copper sulphate reference electrodes
12. Built-in probe contact enhancing system for asphalt, concrete and dry soils.
13. Current interrupter for signal injection. Switching capacity 30A 50V DC with rechargeable 1.2Ah battery giving up to 24 hours of operation before requiring a recharge. LED indicates low battery.

Designed with the operator in mind
Practical – comfortable – uncomplicated



Comprehensive set of equipment
The standard PCS-2000 set of equipment comprises.

- PCS-2000 receiver
- One pair of probes and cables
- PCS-2000 current interrupter
- Battery charger
- Backpack & contact enhancing system
- Spare probe tips & Cu/CuSO₄
- 50 defect location markers & holster
- Receiver harness
- Operator training video
- Operator manual
- Carry Case and probe tube

Available From: