

Holitech

The Holitech is a DC Holiday Tester that tests and detects pinholes and flaws in insulated coatings on conductive substrates. Where coatings have to provide an effective safeguard against corrosion, it is essential that any pinholes or flaws that will eventually lead to corrosion are detected at the earliest possible stage, preferably immediately after the coating application.



Complies with International Standards

ISO 2746	NACE RP 0274
BS 1344-11	NACE RP 0188
ASTM G 6	JIS G3491
ASTM G 62	JIS G3492
ASTM D4787	AS 3894.1
ASTM D5162	EN14430
NACE RP 04901	ANSI/AWWA C 213

Holitech Specifications

Part No	Range	Approximate Maximum Test Thickness	Resolution	Accuracy	Cal Cert Part No
S4001	0.5-6kV	1500µm (60mils)	0.01kV	±1%	NS001
S4002	1-20kV	5000µm (200mils)	0.1kV	±1%	NS001
S4003	1-30kV	7500µm (300mils)	0.1kV	±1%	NS001

Operation is by a test voltage being applied to the coating by moving a brush electrode across the surface and where there is either a pinhole or flaw, the voltage will spark through the coating, a red indicator will flash and an audible alarm will sound. The detected flaw can be marked for subsequent repair, and testing resumed for the remaining surface area.

The Holitech is a compact and lightweight instrument, which can easily be carried by the operator with the supplied Neck Strap.

The test voltage is of high impedance, allowing for safe testing, and does not damage or cause burn marks to the coating.

Calibration Certificates are available with traceability to UKAS.

Coatings on concrete as well as steel and iron substrates can be tested.

All models are supplied with High Voltage Probe, Band Brush, Earth Cable, Neck Strap and Carrying Case.

