

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.

Holitech Accessories

Part No	Product	Size Metric	Size Imperial	Extension Size	Information
SA002	Extension Rod	500mm	20"		To extend electrodes for applications where a long reach is required.
SA003	Extension Rod	1000mm	40"		
SA502	Broad Brush 45° angle	200mm	8"	200mm / 8"	Brass-filled Brushes for the testing of coatings on large flat areas.
SA503	Broad Brush 45° angle	500mm	20"	200mm / 8"	
SA505	Conductive Rubber 180° in line	200mm	8"	200mm / 8"	Conductive Rubber Electrodes for the testing of coatings on large flat areas.
SA515	Conductive Rubber 180° in line	450mm	18"	200mm / 8"	
SA506	Conductive Rubber right angle	200mm	8"	200mm / 8"	
SA507	Conductive Rubber right angle	450mm	18"	200mm / 8"	
SA302	Circular Brush and Assembly	51mm	2"	200mm / 8"	Brass-filled Circular Brushes for the testing of coatings on the internal diameter of pipes.
SA303	Circular Brush and Assembly	76mm	3"	200mm / 8"	
SA304	Circular Brush and Assembly	102mm	4"	200mm / 8"	All Brushes come complete with the connector assembly.
SA306	Circular Brush and Assembly	152mm	6"	200mm / 8"	
SA308	Circular Brush and Assembly	203mm	8"	200mm / 8"	
SA310	Circular Brush and Assembly	254mm	10"	200mm / 8"	
SA312	Circular Brush and Assembly	305mm	12"	200mm / 8"	
SA404	Rolling Spring	102mm	4"	Order SA490	
SA406	Rolling Spring	152mm	6"	Order SA490	
SA408	Rolling Spring	203mm	8"	Order SA490	All Rolling Springs require the SA490 Rolling Spring Connector Assembly. One assembly can be used on multiple Rolling Springs.
SA410	Rolling Spring	254mm	10"	Order SA490	
SA412	Rolling Spring	305mm	12"	Order SA490	
SA414	Rolling Spring	356mm	14"	Order SA490	The SA491 Rolling Spring Pusher Assembly is suitable for larger Rolling Springs, to assist the travel of the spring along the pipe.
SA416	Rolling Spring	406mm	16"	Order SA490	
SA418	Rolling Spring	457mm	18"	Order SA490	
SA420	Rolling Spring	508mm	20"	Order SA490	
SA424	Rolling Spring	610mm	24"	Order SA490	
SA430	Rolling Spring	762mm	30"	Order SA490	
SA436	Rolling Spring	914mm	36"	Order SA490	
SA442	Rolling Spring	1067mm	42"	Order SA490	
SA448	Rolling Spring	1220mm	48"	Order SA490	
SA490	Rolling Spring Connector Assembly			200mm / 8"	
SA491	Rolling Spring Pusher Assembly			200mm / 8"	

Special size Brushes and Rolling Springs can be made to your specific sizes.