

HOD-600

DC Holiday Tester



The HOD-600 Holiday Tester is used to test the integrity of a coated surface by identifying pin holes and flaws in the coating.

Pin holes or flaws in the coating may lead to premature failure of the coating – early identification allows for corrective action to be taken.

The HOD-600 Holiday Tester identifies pin holes and flaws in the coating by passing a voltage through a brush electrode which is moved over the coated surface – the voltage will spark through a pin hole or flaw to the substrate identifying the area for closer inspection. Upon identification of a pin hole or flaw an audible alarm will sound and a red indicator will flash on the unit. The application of the test is safe and does not cause burn marks or damage to the coating due to the test voltage being of high impedance.

The HOD-600 Holiday Tester can be carried by the operator using the neck strap provided due to its light weight and portable design.

The HOD-600 Holiday Tester is supplied in a hard plastic foam filled carry case complete with high voltage probe, brush electrode, earthing cable, and neck strap.

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

A calibration certificate traceable to UKAS is available as a cost option upon request.

HOD-600 DC HOLIDAY TESTER SPECIFICATIONS

Part no.	Range	Approx. maximum test thickness	Resolution	Accuracy	Cal Cert Part no.
7866000	HOD-600 - 0.5-6kV	1500µm (60mils)	0.01kV	±1%	7866005
7866001	HOD-600 - 1-20kV	5000µm (200mils)	0.1kV	±1%	7866005
7866002	HOD-600 - 1-30kV	7500µm (300mils)	0.1kV	±1%	7866005

The HOD-600 is supplied with a European style plug, other plug options available upon request.

ACCESSORIES

Part no.	Product	Size Metric	Size Imperial	Extension Size	Information
7866030	Extension rod	500mm	20"		To extend electrodes for applications where a long reach is required.
7866031	Extension rod	1000mm	40"		
7866040	Broad Brush 45° Angle	200mm	8"	200mm / 8"	Brass-filled Brushes for the testing of coatings on large flat areas.
7866041	Broad Brush 45° Angle	500mm	20"	200mm / 8"	
7866050	Conductive Rubber 180° In Line	200mm	8"	200mm / 8"	Conductive Rubber Electrodes for the testing of coatings on large flat areas.
7866051	Conductive Rubber 180° In Line	450mm	18"	200mm / 8"	
7866060	Circular Brush and Assembly	51mm	2"	200mm / 8"	Conductive Rubber Electrodes for the testing of coatings on large flat areas.
7866061	Circular Brush and Assembly	76mm	3"	200mm / 8"	
7866062	Circular Brush and Assembly	102mm	4"	200mm / 8"	All Brushes come complete with the connector assembly.
7866063	Circular Brush and Assembly	152mm	6"	200mm / 8"	
7866064	Circular Brush and Assembly	203mm	8"	200mm / 8"	
7866065	Circular Brush and Assembly	254mm	10"	200mm / 8"	
7866066	Circular Brush and Assembly	305mm	12"	200mm / 8"	
7866070	Rolling Spring	102mm	4"	Order SA490	3/4" phosphor bronze Rolling Spring for the testing of coatings on the external diameter of pipes.
7866071	Rolling Spring	152mm	6"	Order SA490	
7866072	Rolling Spring	203mm	8"	Order SA490	All Rolling Springs require the 7866084 Rolling Spring Connector Assembly. One assembly can be used on multiple Rolling Springs.
7866073	Rolling Spring	254mm	10"	Order SA490	
7866074	Rolling Spring	305mm	12"	Order SA490	
7866075	Rolling Spring	356mm	14"	Order SA490	
7866076	Rolling Spring	406mm	16"	Order SA490	
7866077	Rolling Spring	457mm	18"	Order SA490	The 7866085 Rolling Spring Pusher Assembly is suitable for larger Rolling Springs, to assist the travel of the spring along the pipe.
7866078	Rolling Spring	508mm	20"	Order SA490	
7866079	Rolling Spring	610mm	24"	Order SA490	
7866080	Rolling Spring	762mm	30"	Order SA490	
7866081	Rolling Spring	914mm	36"	Order SA490	
7866082	Rolling Spring	1067mm	42"	Order SA490	
7866083	Rolling Spring	1220mm	48"	Order SA490	
7866084	Rolling Spring Connector Assy			200mm / 8"	
7866085	Rolling Spring Pusher Assembly			200mm / 8"	

Related Literature

LT9000E	AIE Airblast Inspection Equipment - The Guide
LT9620E	Data Sheet - PHD-620 Pinhole Detector
MN9600E	Instruction Manual - HOD-600 DC Holiday Tester
MN9620E	Instruction Manual - PHD-620 Pinhole Detector