

Impulse² 816

RANDOM TUMBLE PILLING TESTER



Impulse² Model 816/2 (two chambers) is the successor to **Impulse Model 616** (one chamber).

For a short period, both machines are available. However, Model 616 will be gradually phased out.

Impulse² complies with the American standard ASTM D3512. We manufacture other Pilling Testers i.e. **Orbitor** and **Nu-Martindale**, which comply with ISO 12945-1 and ISO 12945-2 respectively.

Sometimes, choosing the right instrument may be difficult. Please seek our advice.

- KEY FEATURES

- **Two-Chamber, vertical instrument**
- **Compact, rigid construction, with small footprint**
- **Simple-to-use control system**
- **Chambers illuminated, utilising long-life LED technology**
- **Interlocked chamber doors for maximum operator safety**
- **Adjustable air pressure inside chambers**
- **Audible alarm signals end of test**
- **Equipped as standard with an American (ASTM D 3512) impeller**
 - other impellers to special order
- **Supplied ready to test with full set of Quality Assured Consumables**
- **UKAS accredited calibration service**

- TECHNICAL DATA

Standard	ASTM D 3512
User Interface	Microprocessor-based digital electronic timer
Alarm	Piezo audio buzzer signals end of test (2s duration)
Impeller	Stainless steel; rotational speed: 1200rpm
Calibration Service	UKAS accredited (based on ISO 17025)
Dimensions	300mm (wide) x 520mm (deep) x 500mm (high)
Weight	35kg (approx.)
Power Supply	85-264VAC 50/60Hz
Power Rating	150W (max.)
Air Supply	Clean & dry; 2-8 bar; 60 litres/minute (2 cubic feet/minute)
Air Connection	6mm (6mm to 1/4 inch BSP adaptor supplied)



- HOW TO ORDER

906-502	Impulse² Random Tumble Pilling Tester	85-264V 50/60Hz
Standard accessories:		
	1 x Pack (approx. 1 m) Grey Cotton Sliver	785-509
	1 x Pack (50) Cork Liner	393-527
	1 x Bottle (180 ml) Specimen Edge Glue	785-116
	1 x Spatula	789-368
	1 x Pneumatic Adaptor 6mm diameter to 1/4 inch BSP	794-819
772-116	Perspex Cutting Template	ASTM D 3512 105mm X 105mm
766-450	ASTM D 3512 Photographic Standards	
Consists of 5 photographs, 105 mm square, graded no.1 (very severe pilling) to no. 5 (no pilling)		
202-816	UKAS Certificate of Calibration for Impulse or Random Tumble Pilling Tester	(up to 4 chambers)
816-spares	2-year Spares Kit	



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