

# elcometer® 1615 Variable Impact Testers

Can be used in accordance with:

**ASTM D 2794, BS 3900 E13, DIN EN ISO NF 6272, ECCA T5, NF T30-017**

For evaluating the resistance of a coating to impact (elongation, cracking or peeling). A weight with hemispherical ends falls on the coated side or reverse of a sheet metal specimen fixed onto a corresponding die.

Three models are available:

The Elcometer 1615/1 Heavy Duty Impact Tester comes complete with:

- A Heavy duty base and a graduated guide tube of 100cm
- A punch carrying anvil
- Adjustable collar device for setting the falling height
- A quick release clamping device for fast insertion and removal of the test specimen
- 1 x 15.90mm punch
- 1 x 16.3mm die
- 1 x weight of 1kg
- 1 x weight of 2kg

The Elcometer 1615/2 Variable Impact Tester comes complete with:

- A solid base and a graduated guide tube of 100cm
- Adjustable collar device for setting the falling height
- A quick release clamping device for fast insertion and removal of the test specimen
- 1 x 20mm punch
- 1 x 27mm die
- 1 x weight of 1kg
- 1 x weight of 2kg

The Elcometer 1615/3 Variable Impact Tester comes complete with all of the above but is fitted with a stepped rotated stop ring. This stop ring allows the penetration depth to be limited to:

Metric Version: 2, 3, 4, 5, 6, 7, 8, 9, 10 and 15mm

The test specimen is fixed into position by the quick release clamp. The weight is lifted to the predetermined height, set by the adjustable collar device. The weight is then released and the resulting deformation is observed.

Accessory kits are available to allow tests to be in accordance with ASTM D 2794 and NF T30 017.



## Part Numbers

Model	Description	Punch Diameter mm	Die Diameter mm	Part Number
Elcometer 1615/1	Elcometer 1615 Heavy Duty Variable Impact Tester	15.9	16.3	K0001615M001
Elcometer 1615/2	Elcometer 1615 Variable Impact Tester	20	27	K0001615M002
Elcometer 1615/3	Elcometer 1615 Variable Impact Tester with stop ring	20	27	K0001615M003
<b>Accessories</b>	Kit No. 1 - ASTM Comprising of: Punch, Die, impact device for 2 weights, punch carrying anvil	15.9	16.3	KT001615N007
	Kit No. 2 - ASTM Comprising of: Punch, Die, impact device for 2 weights, punch carrying anvil	12.7	16.3	KT001615N008
	Kit No. 3 - NF Comprising of: Punch, Die and one weight of 400g	23	22	KT001615N004
	Punch with Ball - ASTM	15.6	16.26	KT001615N002
	Punch with Ball - ASTM	12.7	16	KT001615N003
	Punch with Ball	23	22	KT001615N004
	Punch Diameter	12.7	-	KT001615P006

