

Impact tester for coatings

The Impact Tester is used for measuring the resistance of coatings to impact. Thanks to it you can simulate the production of cracks and peeling, resistance to shocks, the flexibility, adherence and elongation of coatings.

If you have a standard to comply with, just place the mass at the indicated height and release it. Then, check visually for possible cracks.

To check the resistance of a coating, you can continue testing by gradually increasing the height until the mass produces cracks on the sample.

The Impact Tester comes with a support base, ruled tube and an impact mass equipped with a holding device according to the required standard - (for specific accessories, see table below).



Reference	Model	Standard	Impact Mass	Extra Weight (with screw)	Static Weight with ball	Ø Ball	Ø Ring	Max. Height
0304020	Impact Tester UNE / DIN	UNE EN ISO 6272-1 DIN 55669	1000 gr.	1000 gr.	---	20 mm	27 mm	1.000 mm
0304030	Impact Tester QUALICOAT	UNE EN ISO 6272-2 QUALICOAT	1000 gr.	1000 gr.	150 gr.	15,9 mm (or 12,7mm)	16,3 mm	1.000 mm
0304040	Impact Tester ASTM	ASTM D 2794	900 gr.	120 gr.	---	15,9 mm		1.000 mm
0305300	Impact Tester for Enamel	UNE EN 10209 (Anexo C)	1500 gr.	---	360 gr.	22 mm	20,6 mm	1.000 mm
0304100	Impact Tester for Reflective Coatings	UNE EN 12966-1 UNE EN 60598-1	510 gr.	---	---	50 mm	---	350 mm
0304110	Impact Tester Vertical Signaling	UNE 135331	450 gr.	---	---	50 mm	---	220 mm
0305200	Portable Impact Tester For Enamel and Laminates	UNE EN 438-2 DIN 51155	Spring 0 to 90N	---	---	5 mm	---	---

0304025	Stop ring collar and sample clamp for weight release
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Impact mass 1000 gr.
Ball Ø 20mm



Extra Weight 1000 gr.
with screw, without ball



Static Weight 150 gr.
Ball Ø 15,9 mm



Impact Mass 900 gr.
Ball Ø 15,9 mm



Extra Weight 120 gr.
with screw, without ball



Impact mass 1500 gr.



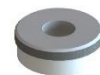
Static Weight 360 gr.
Ball 22 mm



Ring
Ø16,3 mm



Ring
Ø20,6 mm



Ring
Ø27 mm



Conversion Kits

Reference	Supply
0304021 To convert 0304020 into UNE-EN-ISO 6272-2 (0304030) <ul style="list-style-type: none"> ➤ Static Weight 150 gr. Ball 15,9 ➤ Die ϕ16,3 	
0304022 To convert 0304020 into ASTM D-2794 (0304040) <ul style="list-style-type: none"> ➤ Impact Mass 900 gr. Ball 15,9 ➤ Extra Weight 120 gr. with screw and without ball ➤ Die ϕ16,3 	
0304031 To convert 0304030 into UNE-EN-ISO 6272-1/DIN55669 (0304020) <ul style="list-style-type: none"> ➤ Die ϕ27 	
0304032 To convert 0304030 into ASTM D-2794 (0304040) <ul style="list-style-type: none"> ➤ Weight 900 gr. Ball 15,9 ➤ Extra Weight 120 gr. with screw and without ball 	
0304041 To convert 0304040 into UNE-EN-ISO 6272-1/DIN55669 (0304020) <ul style="list-style-type: none"> ➤ Weight 1000 gr. Ball 20 ➤ Extra weight 1000 gr. c/rosca s/bola ➤ Die Inside Diameter ϕ27 	
0304042 To convert 0304040 into UNE-EN-ISO 6272-2 (0304030) <ul style="list-style-type: none"> ➤ Weight 1000 gr. Ball 20 ➤ Extra weight 1000 gr. with screw and without ball ➤ Static weight 150 gr. Ball 15,9 	

Portable Impact Tester for Enamels and Laminates

Portable instrument for impact test on vitreous enamels and decorative laminates.

The device consists of a spherical needle ϕ 5 mm., with an adjustable tension spring between 0 and 90 Newton equipped with a trigger and tripod.
 Optional: support base (Cod. 0305202) to comply with DIN 53799.



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