



Impact Test

SP1880, SP1890, SP1891,
SP1895, SP1896

The Impact Test is used to determine the impact resistivity and flexibility of coatings. The dual scale instrument is equipped with a special guidance which assures that the distance between each impact is always according to the standard.

For correct positioning a spirit-level is built-in. Each Impact test comes as a complete set (instrument and accessories) to perform a test according DIN/ISO 6272, ASTM D2794 and ASTM G14.

Standards

Below mentioned standards are a list of the possible standards. If the required standard is not listed below please contact TQC Sheen to check if adoption of this standard is possible*:

Type of Impact	SP1880 Indirect	SP1890 Direct	SP1891 Direct	SP1895 Direct	SP1896
ISO 6272-1:2002		●			
ISO 6272-2:2002	●				
ISO 6272:1993			●		
ASTM D 2794:2004	●				
ASTM G14-04				●	
JIS K 5600-5-3:1989	●	●			
EN 12206-1:2004	●		●	●	
EN 13523-5:2001	●	●			
EN 13523-5:2001	●		●		
AAMA 2605-05	●		●		
Qualicoat 2006	●		●		
Qualisteelcoat 2008	●		●		
Canadian Standards Association (CSA)					●

Ideal for

Coating Laboratories, Paint Production, Surface Finishing, Powder Coating.

Use

For use please see manual.

Safety Precautions

Make sure to keep fingers and other body-part clear when performing a test.

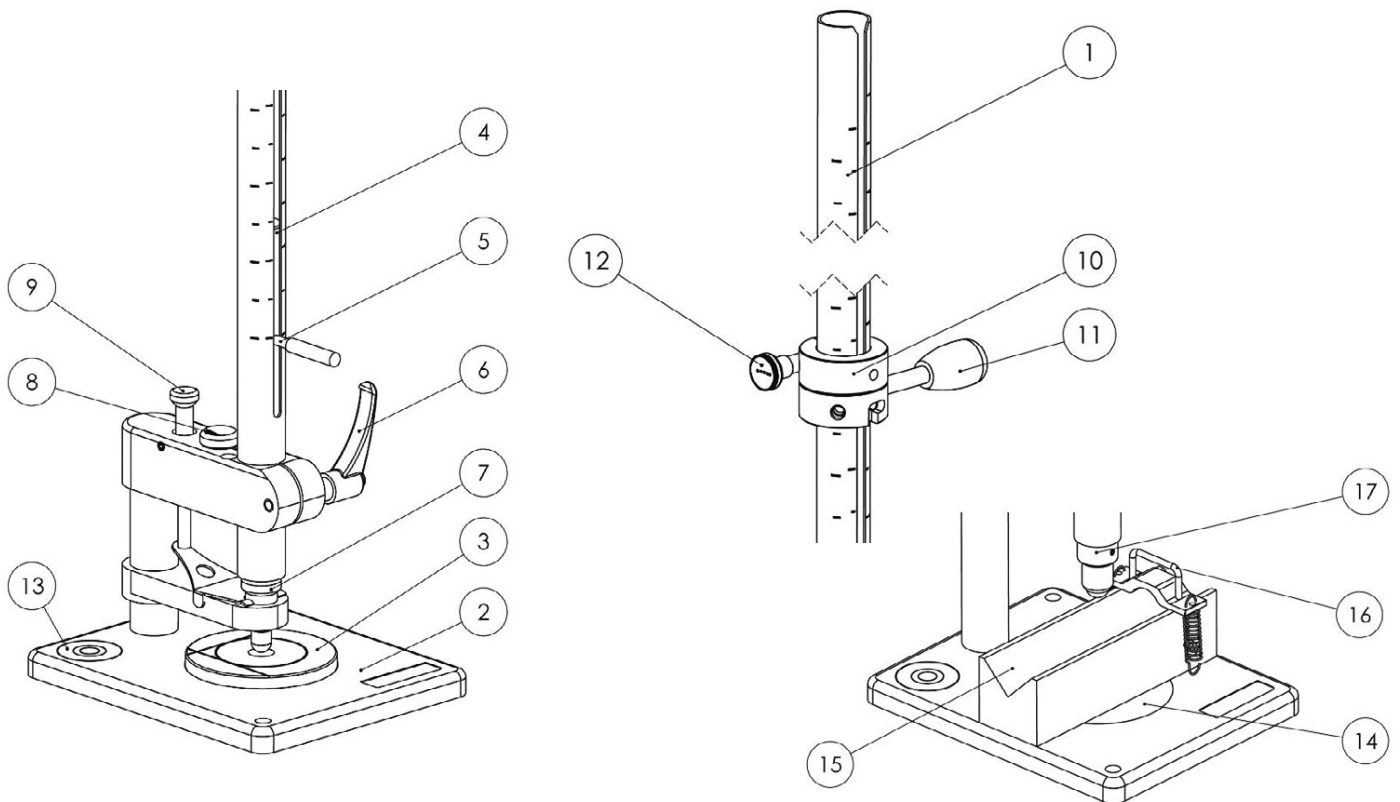
Features:

- The dual scale instrument is equipped with a special guidance which assures that the distance between each impact is always according to the standard
- For correct positioning a spirit-level is built-in

*Conformation to a required standard depends on the impact tester type. The combination of items can change to comply with another standard.

Scope Of Supply:

		SP1880	SP1890	SP1891	SP1895
1	Guide Tube	●	●	●	●
2, 6, 13	Base plate assembly with bubble level	●	●	●	●
3	Die 16.3 mm	●		●	
3	Die 27 mm		●	●	
4	Weight 1 kg. ISO	●	●	●	
4	Weight 900 g ASTM	●	●	●	●
5	Weight lifting Pin	●		●	
7	Punch 15.9 mm	●		●	
8	Punch 12.7 mm	●		●	
9	Lifting pin to release punch	●	●	●	
10, 11, 12	Release collar	●	●	●	●
14, 15, 16	V shaped notch vise with spring clamp				●
17	Weight 1.361 kg. Incl. 15.9 mm punch				●



Ordering Information:

SP1880

Impact test according to ISO 6272-2/ASTM D2794

Impact tester with which indirect impact tests can be performed according to ISO 6272-2/ASTM D2794
Content: base plate assembly, guide tube, release collar, punch $\varnothing 12,7$ mm, punch $\varnothing 15,9$ mm, weight 1 kg, die $\varnothing 16,3$ mm. Max test panel thickness: 4,5 mm

SP1890

Impact test according to ISO 6272-1

Impact tester with which direct impact tests can be performed according to ISO 6272-1
Content: base plate assembly, guide tube, release collar, clamp device, ball $\varnothing 20$ mm, die 27 mm, weight 1000 g
Max. test panel thickness: 1,25 mm

SP1891

Impact test according to ISO 6272-1/ASTM D2794 (before 1993)

Impact test with which direct impact tests can be performed acc. to ISO 6272-1 and ASTM D2794 (before 1993).
Content: base plate assembly, guide tube, release collar, clamp device, ball $\varnothing 20$ mm, die 27 mm, weight 1000 g, ball $\varnothing 15,9$ mm, die 16,3 mm, weight 900 g

SP1895

Impact test according to ASTM G14

Impact test with which direct impact test can be performed according to ASTM G14
Content: base plate assembly, guide tube, release collar, clamp device, punch $\varnothing 15.9$ mm, weight 1.361 kg and a V-notch vise with spring clamp to hold the pipe

SP1896

Impact Test according to CSA



Special Care:

- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always clean the instrument after use
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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