

# Compression Set

Gibitre produces several models of compression set devices

## Compression set device for tests under constant deflection

The device complies with ISO 815, ASTM D 395 Method B, DIN 53 517 standards.

The instruments consist of:  
Chrome plated steel platens (2 or 3);  
Spacers with standard or custom thickness.

4 Screws for closure of the platens for high temperature application.

Platen dimensions	(WxDxH) 80x160x15 mm
Weight	2 kg (2 platens)



## Compression set device with adjustable distance between the platens for test under constant deflection according to ISO 815, ASTM D 395 Method B, DIN 53 517 standards

Stainless steel device with distance of platens adjustable between 0 and 20 mm.

The distance of the platens is set using a thickness gauge (not included) and is fixed using a double-ring system and to fix the position of the platens using a double-ring system. The instrument is ideal for testing finished articles because the required deformation can be set according to the real thickness of the sample. The accurate construction ensures that flatness error is below 0.01 mm. For this reason the instrument provides repeatable results even for samples with low thickness.

Logically the instrument can be successfully used even for tests on standard samples.

Thickness regulation	0 to 20 mm
Usable test area	Ø 80 mm
Dimensions	Ø 110 mm, thickness 120 mm
Weight	4,5 kg



## Compression set device for tests under constant force

The device complies with ASTM D 395 Method A, UNI 4913-2, FIAT 50410 and equivalent standards.

The device is fitted with a calibrated spring and a closure regulation system which permit to set the required force.

Dimensions	Ø 180 mm, H 460 mm
Weight	14 kg



## Stainless-Steel Device for Deformability test according to PV 3307 Standard

Device made of Stainless-Steel in compliance with PV 3307 standard. The device permits to perform the deformability test on 6 rubber and plastic samples with 15 mm diameter and 2 mm thickness.

Sample dimension	Ø 15 mm, 2 mm thickness. Other available.
Samples no.	6
Dimensions	(WxDxH) 90 x 90 x 90 mm
Weight	1.5 kg



## Stainless Steel Compression Set device for the performance of compression set tests on finished parts according to PV 3330 standard

Stainless Steel device according to PV 3330 standard.

The distance of the platens is regulated with 4 spacers.

Distance of the platens	Thickness upon request.
Dimensions	(WxDxH) 120 x 100 x 100 mm
Weight	1.5 kg



## Accessories

Moulds for preparing samples in compliance with standards.