Hegewald & Peschke
Meß- und Prüftechnik GmbH

Product Information

Long distance extensometers L700 and L1100

zertifiziert nach DIN EN ISO 9001
TÜV CERT
Zert. Nr. 08/100/9044/3

Hegewald & Peschke Meß- und Prüftechnik GmbH
Am Gründchen 1, 01683 Nossen, Germany
Telephone: +49 35242 445-0, Telefax: +49 35242 445-111
E-Mail: info@Hegewald-Peschke.de
http://www.Hegewald-Peschke.com

The L700 and L1100 long distance extensometers are particularly suitable for the determination of elongation at break on plastics / elastomers with high elongation. They are designed for use in combination with the universal testing machine series inspekt table, inspekt blue, inspekt solo and inspekt duo.

Technical data:

	L700 *(Item no.: 15-024-031)*	**L1100** *(Item no.: 15-024-030)*
Measurement travel	700 mm, reduced by initial gauge length	1100 mm, reduced by initial gauge length
Weight	approx. 9 kg	approx. 12 kg
Accuracy class	class 1 after 10mm stroke acc. DIN EN ISO 9513	
Measuring principle	incremental	
Resolution	10 µm	
Standard gauge length (L_0)	10 / 20 / 25 / 50 / 75 / 80 / 100 [mm], L_0 adjustment manually	
Measuring arms	opening/closing mechanically	
Temperature range	10° ... 50°C	
Specimen diameter / thickness	0 – 9 mm	
Specimen width	0 – 30 mm	
Measuring distance to extensometer	80 mm (clamping point edges)	
Delivery content	• extensometer incl. electronics • metal knife edges (knife edges are wear parts) • one set of measuring arms: 2 types selectable (B&C type) with respect to flat specimen alignment 0/90°	
Accessories (necessary)	• holder for mounting to the universal testing machine • softer springs for a lower actuating force	
Comment	If short clamping tools are used, an extended lower tool connection adapter at the universal testing machine is required.	

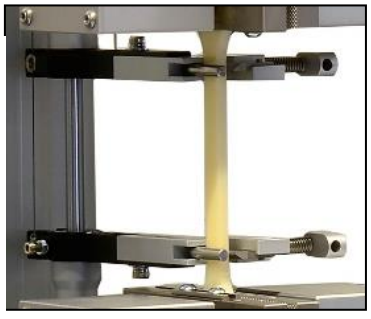

Fig. 1: Measuring arms on a plastic specimen C-type (standard)

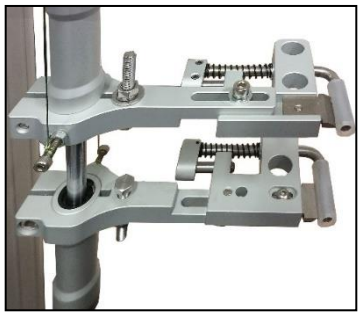

Fig. 2: Measuring arms B-type (90° aligned)