



# PULL-OFF TESTER

- **Determining the adhesive strength on concrete structures and the tension strength of concrete**

Testing is carried out directly on the structure. It can be measured on any point of the structure. For the determination of the tension strength it is not necessary to install test devices prior to the casting of the concrete. It is ideal for the evaluation of strength in concrete renovation.

- **Advantages**

- mobile for use in any location
- independent of mains supply thanks to easy running crank drive
- constant jerk-free load increase
- weights only 3.5 kg (standard unit Z16)

- **Measuring the adhesive strength of applied coatings**

such as plastic coatings, concrete coats, mortars and plasters, bituminous coats and paint finishes and coatings on metal.

- **Indispensable for**

- diagnosing damage to building structures
- checking of completed renovation/repair work

## DYNA Z units with digital manometer

### Technical Information

DYNA	Tensile force	Resolution	Accuracy	Permissible stroke
Z16	16 kN	0.01 N/mm <sup>2</sup>	<2%	3.5 mm
Z6	6 kN	0.01 N/mm <sup>2</sup>	<2%	4.0 mm

The legs can be moved and/or lengthened on all models to adapt the positioning to the different test situations.

**DISPLAY:** up to five different units (e.g. N/mm<sup>2</sup> for test disc of 50mm dia., force in kN)

**BATTERY:** type CR 2430 for manometer for 150 hours operation

**WEIGHT:** 3.5 kg

Standards: ISO 4624, EN 1015-12, EN 1348, BS 1881 Part 207, ASTM C 1583, ASTM D 4541, ACI 503-30, DIN 1048 Part 2



## DYNA ZE with electronic display device and pressure sensor

### Technical Information

DYNA	Tensile force	Resolution	Accuracy	Permissible stroke
Z16	16 kN	0.01 N/mm <sup>2</sup>	<2%	3.5 mm
Z6	6 kN	0.01 N/mm <sup>2</sup>	<2%	4.0 mm

**WEIGHT:** 3.5 kg

**DYNAMETER** Display device with non volatile memory for 1000 measured values

**DISPLAY:** 128x128 graphic LCD

**INTERFACE:** RS232

**INTEGRATED SOFTWARE:** transmission of all measured values to printer and PC

**TEMPERATURE RANGE:** -10° to +60°C

**BATTERY:** 6 LR6, 1.5V (60 hours operation)

Delivered with carrying strap, operating instructions and carrying case 320x295x105 mm, total weight 1.8 kg



### Ordering Information

#### UNITS

345 00 217 DYNAZ 6 with digital manometer

345 00 117 DYNAZ 16 with digital manometer

including 50mm dia. test disc, draw bolt with M8 connecting thread, operating instructions and carrying case 300x280x240 mm, total weight 3.5 kg

345 00 220 DYNAZ 6 E with electronic display device

345 00 120 DYNAZ 16 E with electronic display device

including 50mm dia. test disc, draw bolt with M8 connecting thread, operating instructions, carrying case 300x280x240 mm, total weight 8 kg, display device with carrying strap, carrying case 320x295x105 mm, total weight 1.8 kg

#### ACCESSORIES

345 08 003S Test discs dia. 50mm set of 10 pcs for Z 6/16 (M8), aluminium

345 00 780S Test discs dia. 50mm set of 10 pcs for Z 6/16 (M8), steel

345 09 220 EDm motor drive

345 09 002 Draw bolt M8, steel

350 74 992 Mini-Printer type DPUH-245 (220V)

390 00 542 Adapter RS232/USB

Subject to change without notice.

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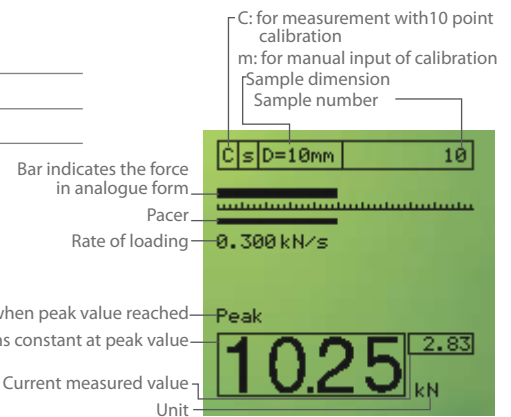
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Test disc



EDm motor drive



Draw bolts M8 and M12

