

Tensile Adhesion Strength Testing Machine

Series HZP - E 10 kN

Specially designed for the determination of the tensile adhesion strength of cementations tiles according to EN 1348.

Standards and Tests

- Tensile Adhesion Strength
EN 1348

Samples

- Cementation Tiles
Ø 50 mm
□ 50 x 50 mm
or others

Frame

- Rigid load frame on large base platen (W x D 550 x 800 mm), where the concrete block is clamped down
- The electromechanical actuator is mounted the upper crosshead, which is moveable in X-Y direction for efficient testing of a series of 20 samples
- Load cell with tensile adapter for ball head screws are mounted on the piston rod end.

Control

- Semi-automatic test procedure in closed loop mode in connection digital controller **DIGICON 2000** and building material testing software **PROTEUS** for precise closed loop force / displacement control with exact load increase rate programmable from
- 0 up to 500 N/sec. or
- 0 up to 500 mm/min.

Accessories / Options

- Paper roll printer



walter+bai

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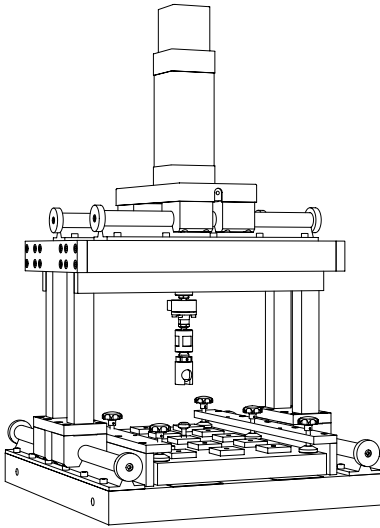
Prüfmaschinen - Testing Machines

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Specifications

Force Capacities	Tensile:	10 kN
Accuracy	In accordance with ISO 7500-1, Grade 0.5.	
Colour	Stone Grey RAL 7030. Others upon request.	
Power Requirements	230 V, 50 Hz. Others upon request.	



Technical Data		HZP 10
Tensile Capacity	kN	10
Accuracy Range	kN	1 - 10
Test Chamber Height (Ph)	mm	0 - 160
Horizontal Daylight (Lw)	mm	450
Fixing Block Dimensions W x D x H	mm	350 x 550 x 40
Piston Stroke	mm	100
Frame Width (B)	mm	580
Frame Depth (T)	mm	630
Frame Height (H)	mm	1200
Working Height (A)	mm	60 + Table Height
Weight	kg	300
Load Frame Stiffness	kN/mm	-

