

Portable Peel Test Device Series HZV-281.KDB – 500 N

For peel tests on Polymeric Membranes and glued insulation foils to SIA 281-2/B and SN 56281 to determine the qualitative shear strength after installation of the membranes.

Aluminium test tripod with spindle gear, motor, and electromechanical tensile device with clamping jaws.

Features:

- Electromechanical tensile device with spindle gear and motor flexibly mounted on tripod.
- Internally installed limit switches (no protruding components)
- Aluminium test tripod with adjustable distance between pivot and surface of the specimen.
- Position pins for fixed test distance. Stops and marking for rational installation.
- Precision load cell is mounted at the end of the spindle with flexible adapter for the clamping device.
- The clamping device has jaws for slip free clamping of the specimen with quick lock lever.
- Control electronics DIGICON with motor controller, measuring amplifier and digital read-out for test data acquisition and data transfer to testing software PROTEUS in a portable housing.
- Larger device for bituminous membranes according to SIA 281-2/A is also available.



w+b Materials Testing Systems

Technical Data:	HZV-281.KDB
Max. Tensile Force:	500 N (50 kg)
Piston Stroke:	120 mm
Tensile Speed:	adjustable, 100 ± 10 mm / min
Distance between pivot and surface of specimen:	adjustable, minimum 700 mm
Max. Sample Size:	30 x 100 mm
Data logging / storage, adjustable minimum required interval:	adjustable, at least 1 measurement per second
Power Supply:	220 V / 50 Hz
Weight Tensile Device:	2.7 kg
Weight Test Tripod:	7 kg

