UNIVERSAL > STRENGTH

MANHOLE COVER TESTING MACHINE

Code : U007



- The ALFA Manhole Cover Tester is designed for evaluating the load-bearing capacity of manhole covers, gratings, and similar components.
- The system features a high-rigidity steel column frame, ensuring stable and precise testing of samples up to **1200 x 1000 mm** in size. With a maximum capacity of **1000 kN**, the tester is suitable for both routine quality control and advanced research applications.
- The integrated **Touchscreen TFT Control Unit** allows for easy test setup and monitoring, while the included **special software** provides control and data acquisition from a PC.

STANDARDS

AASHTO M306 • EN 124 • DIN 19584 • BSI PAS 26

TECHNICAL SPECIFICATIONS

- Maximum Capacity: 1000 kN
- Maximum Sample Size: 1200 x 1000 mm
- Frame Type: High-rigidity steel column frame
- Hydraulic Power Unit: Suitable for repetitive load cycles
- Control Unit: Touchscreen TFT with PC connectivity
- Data Acquisition: Via PC and built-in touchscreen
- Digital Dial Gauge: 25 mm range, 0.01 mm resolution
- Power Supply: 220 - 240 V / 50 - 60 Hz

EQUIPPED WITH

- Special high-rigidity column frame
- Hydraulic power unit for cyclic loading
- Touchscreen TFT control panel
- Reference measurement bar
- Special control and acquisition software

SUPPLIED WITH

- Reference bar with 25 × 0.01 mm digital dial gauge
- Special control software (PC not included)

ORDERING INFORMATION

Item Name	Item Code

MANHOLE COVER TEST MACHINE	U007A001U
POWER PACK (for Manhole Cover Tester) - 400 Bar	U007P001U
COMPRESSION PLATE - Ø 75 mm / 55 HRC	U007P002H
COMPRESSION PLATE - Ø 150 mm / 55 HRC	U007P003H
COMPRESSION PLATE - Ø 250 mm / 55 HRC	U007P004H
COMPRESSION PLATE - 75 x 250 mm / 55 HRC	U007P005H
COMPRESSION PLATE - 150 x 250 mm / 55 HRC	U007P006H
COMPRESSION PLATE - 200 x 500 mm / 55 HRC	U007P007H