

UNIVERSAL > UNIVERSAL TESTERS

MANHOLE COVER TESTER

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

ltem Code



U007 DATASHEET

MANHOLE COVER TEST MACHINE	U007A001U
POWER PACK (for Manhole Cover Tester) - 400 Bar	U007P001U