UNIVERSAL > PHYSICAL PROPERTIES

INTERNAL PLASTIC PIPE PRESSURE TESTING MACHINE (Digital)

Code : U011



- Internal Plastic Pipe Pressure Tester is designed for controlled hydrostatic pressure testing of plastic pipes under accurately regulated pneumatic pressurization. The system is suitable for laboratory and quality control applications where stable pressure generation, reliable measurement, and safe operation are required.
- The unit features a pneumatic pressurizing system with adjustable pressurizing speed from 0 to 100%, allowing the operator to fine-tune the pressure build-up rate according to the test method, specimen type, and laboratory procedure.
- The machine is available in three pressure range options: 8 bar, 20 bar, and 200 bar, enabling the user to select the most suitable configuration depending on the pipe material, diameter, wall thickness, and required test pressure.
- The system is equipped with TFT controlling unit that provides a practical and user-friendly interface for test setup, monitoring, and operation. The display allows convenient control of the pressurization process

and helps improve operator efficiency during routine testing.

- For accurate pressure monitoring, the unit is fitted with a pressure sensor that continuously measures system pressure during the test. This ensures precise observation of applied pressure and supports repeatable test conditions.
- The tester is supplied with a water tank, providing the necessary water source for the hydraulic side of the pressure testing process and supporting practical installation in laboratory environments.
- The compact and functional design makes the equipment suitable for research laboratories, pipe manufacturers, quality assurance departments, and testing centers engaged in the evaluation of plastic pipe performance under internal pressure.

TECHNICAL SPECIFICATIONS

- Product Name: Internal Plastic Pipe Pressure Tester
- Pressure Options: 8 / 20 / 200 bar
- Pressurizing System: Pneumatic
- Pressurizing Speed: Adjustable (0–100%)
- Controller: TFT Controlling Unit
- Pressure Measurement: Pressure Sensor
- Power Supply: 220 – 240 V
- Frequency: 50 – 60 Hz

EQUIPPED WITH

- TFT Controlling Unit
- Pressure Sensor
- Water Tank

ORDERING INFORMATION

Item Name	Item Code
INTERNAL PLASTIC PIPE PRESSURE TESTER - 8 bar	U011A008U
INTERNAL PLASTIC PIPE PRESSURE TESTER - 40 bar	U011A040U
INTERNAL PLASTIC PIPE PRESSURE TESTER - 200 bar	U011A200U
CAPS for PIPE PRESSURE TESTER - Ø 110 mm	U011P001H
CAPS for PIPE PRESSURE TESTER - Ø 160 mm	U011P002H
CAPS for PIPE PRESSURE TESTER - Ø 3"	U011P003H
CAPS for PIPE PRESSURE TESTER - Ø 4"	U011P004H
CAPS for PIPE PRESSURE TESTER - Ø 2.5"	U011P005H
CAPS for PIPE PRESSURE TESTER - Ø 6"	U011P006H
CAPS for PIPE PRESSURE TESTER - Ø 8"	U011P007H
CAPS for PIPE PRESSURE TESTER - Ø 12"	U011P008H
CAPS for PIPE PRESSURE TESTER - Ø 2"	U011P009H
WATER TANK for PIPE PRESSURE TESTER	U011P010H