



CODE GT1425
 MODEL CROMETRO CR5 1000-650
 TILE SIZES 100x100 ÷ 650x650
 MAX FORCE 1000 Kg
 POWER 100 W
 WEIGHT 150 Kg
 MAXIMUM PRESSURE 8,2 Bar



CODE GT1426
 MODEL CROMETRO CR5 1000-1000
 TILE SIZES 100x100 ÷ 1000x1000
 MAX FORCE 1000 Kg
 POWER 100 W
 WEIGHT 280 Kg
 MAXIMUM PRESSURE 8,2 Bar

CROMETRO CR5

STANDARDS

EN 100; ISO 10545-4; DIN 51030, ASTM C 648

DESCRIPTION

Precision instrument for the measurement of the breaking force and flexural tensile strength of the ceramic tiles according to the Standards. The Crometro is composed of the base that applies and controls the force that is applied to the sample and a rail with a load cell for reading the applied load. The working bench with the adjustable and swinging tiles supports is pushed upwards. During the stroke, which is adjustable, the tile comes across with the upper central blade with the load cell on it that is part of the crossbeam. Adjustable feed speed.
 The instrument is produced according to the ISO-EN-10545-4 standard (other standards on request)

TECHNICAL SPECIFICATIONS

- Pneumo hydraulic operation
- Lower and upper knives according to the standard with the rubber hardness IHRD 50±5
- Max applied pressing force 1000 kg
- Possibility of using two load cells one for high load 1000 kg and one for low load 100 kg
- High precision load adjustment application
- Sample test: from 100x100 up to 650x650
- Direct reading of the applied load and displaying of the maximum reached value in kg or daN
- Measurement by means of electronic precision cell
- Resolution: 100 g for high load (0-1000 kg), 10 g for low load (10 kg)
- Storing of tiles size
- Automatic calculation of the flexural tensile strength modulus in N/mm²
- 5 digit display showing data on
- Operating pressure: 8,2 bar
- Internal printer
- Supply: 230 V 50/60 Hz single phase
- Workload 1000 Kg

EQUIPMENT

- Base with transom, electronic unit with display and load cell 0 -1000 kg
- Serial exit for PC
- Bottle of oil (1 Lt)

ACCESSORIES AND SPARE PARTS

GT1433	Support with knife L= 650 mm and load cell up to 100 g
GT1434	Support with knife L= 1000 mm and load cell up to 100 g
GT1701	Kit FIRE 50 for sizes from 18 to 48 mm
GT1702	Kit FIRE 100 for sizes from 48 to 100 mm
GT0256	Kit for ASTM C 648
GT0276	Kit Din 51030
GT0258	Calibration Report by ACCREDIA for box 1000/100 kg
GT0257	Load cell for tests on unfired 100 Kg
GT0273	Load cell for tests on fired 1000 Kg
GT0259	Software XY for strength tester
GT1547	Microprocessor
GT1168	N° 20 rolls of thermal paper for printer