

DATA SHEET

Universal Moisture Tester



Classic moisture meter with analogue manometer and digital balance 19-T0019

General description

The universal moisture tester can be used for soils, sand and fine aggregates.

The 19-T0019, -T0019/G and -T0019/H models can determine moisture contents of 2% or under on samples up to 100g in mass, the 19-T0019/F long bottle version can determine up to 20% on 20g samples, while the Speedy models are suitable for determinations of up to 20% on 6-20g of sample.

The operating principle is identical for all models: the sample is introduced into the bottle with the reagent and the water in the sample reacts with calcium carbide and produces a gas, the pressure of which is indicated on the manometer and easily converted into the percentage of moisture.

Standards

- BS 6576
- AASHTO T217
- ASTM D4944

Specifications

Four versions are available - the specifications are detailed in the following table:

Model 19-	Description	Comprising	Sample mass / Moisture range (up to)	Case dimensions
T0019	Classic moisture meter with analog manometer and digital balance	Digital balance, 20 carbide ampules, hammer, chisel, digital timer and other accessories	20 g/10% 50 g/4% 100 g/2%	520 x 340 x 140 mm
T0019/F	Classic moisture meter, long bottle version, with analog manometer and digital balance	As above	20 g/20%	520 x 340 x 140 mm
T0019/G	Digital moisture meter with 0-3 bar high-resolution digital manometer and digital balance	As above	20 g/10% 50 g/4% 100 g/2%	520 x 340 x 140 mm
T0019/H	Digital moisture meter with 0-3 bar high-resolution digital manometer, digital balance and log printer for printing test certificates	As above, plus log printer	20 g/10% 50 g/4% 100 g/2%	520 x 340 x 140 mm

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Classic moisture meter, long bottle version, with analogue manometer and digital balance 19-T0019/F



Digital moisture meter with 0-3 bar high-resolution digital manometer and digital balance 19-T0019/G



Digital moisture meter with 0-3 bar high-resolution digital manometer, digital balance and log printer for printing test certificates 19-T0019/H

Products

19-T0019

Classic moisture meter with analogue manometer and digital balance, Measuring range: up to 10% humidity measurement on 20 g sample, 4% on 50 g sample and 2% on 100 g sample. 20 carbide ampules included.

19-T0019/F

Classic moisture meter, long bottle version, with analogue manometer and digital balance, Measuring range: up to 20% humidity on 20 g sample.

19-T0019/G

Digital moisture meter with 0-3 bar high-resolution digital manometer and digital balance, Measuring range: up to 10% humidity measurement on 20 g sample, 4% on 50 g sample and 2% on 100 g sample

19-T0019/H

Digital moisture meter with 0-3 bar high-resolution digital manometer, digital balance and log printer to produce test certificate, Measuring range: up to 10% humidity measurement on 20 g sample, 4% on 50 g sample and 2% on 100 g sample

Accessories and consumables

19-T0019/1

Spare reagent ampules. Pack of 100. Total 1.7 kg

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19-T0019/2

Calibration kit for Universal carbide meters, including manometer and accessories