

Clay Hardness Tester

The "Payne" Clay Hardness Tester (or Pigsticker) is designed to give an arbitrary value of hardness of clay pugs or pressed clay. Available as two different models, the standard model is used for tableware and general clays. Fitted with a "regular spring" this is the unit that has been supplied for many years. The new CHT005 has been especially developed for use in the heavy clay industries (eg. insulators). This unit has a spring offering up to 2.6 times more compression.



Standard Clay Hardness Tester
Heavy Duty Clay Harness Tester

CHT001
CHT005

Pfefferkorn Plasticity Measurement Tester

The Pfefferkorn Plasticity Tester is an instrument for evaluating the workability of ceramic materials.

The measurement is based on the falling of a calibrated plate on to an underlying test body, which has previously been shaped using the special forming tool provided with the instrument.

The plasticity tester has two reading scales:

One measures the deformation in mm.

The other determines deformation of the test body according to the Pfefferkorn tests.

Overall dimensions: 26 x 38 x 54cm

Net weight: 19kg

PFEFF001: Pfefferkorn Plasticity Tester (as described above)

Spare parts:

PFEFF002 Replacement test body shaping tool.



DUROMETER - MODEL DM/34.

Instrument devised for determining the penetration depth of a flat headed point on green and pressed ceramic tiles. The basic device is for the production of floor and wall ceramic tiles, with particular reference to single firing.

The use of the DM/34 makes daily testing considerably easier.

The large stainless steel base allows for central testing of samples up to 40cm x 40cm, and up to 70cm x 70cm depending on the model.

Complete with various accessories (5 flat head points of 0.75, 1.00, 1.50, 1.75 and 2.50mm², a 3kg calibrated spring and a special supporting head) which allow testing on a wide range of materials from very hard to very soft.

The unit is supplied with a 1.50mm² point and a 4kg calibrated spring fitted as standard.

Fitted with dial gauge Comparator

01CI1830

Fitted with an LCD digital Comparator

01CI1832

