



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

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29-4100

**150mm Sand Pouring Cylinder.**

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35-3970

**Moisture Meter**

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78-5527/01

**Electronic Balance - 32 000 g x 1.0 g**

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## Dynamic Cone Penetrometer 8Kg Hammer (Trl Design).

Code: [29-3720](#)

Product Group: [In-situ Testing](#)

The TRL (Transport Research Laboratory) Dynamic Cone Penetrometer (DCP) is used for rapid in-situ measurement of the structural properties of existing road pavement constructed with unbound materials. The unit incorporates an 8 kg weight with a drop of 575 mm, and a 20 mm diameter cone fitted to the end of the shaft, allowing measurements to be made down to a depth of approximately 850 mm.

Readings are usually taken after a set number of blows, changing the number according to the strength of the layer being penetrated. For good granular bases, readings every five to ten blows are satisfactory, but for weaker sub-base layers and subgrades, readings every one to two blows may be appropriate.

The DCP requires three operators, one to hold the instrument in a vertical position, one to raise the hammer and let it fall and one to record the results. A typical test takes only a few minutes, providing a very efficient method of obtaining information which would otherwise require the excavation of test pits. Where pavement layers have different strengths, boundaries can be identified and layer thickness determined.

## Further Information

Supplied complete with all necessary tools, assembly and operating instructions.

## Spares/Consumables



### Spare Cone for Dynamic Cone Penetrometer.

Code: [29-3720/10](#)



## 150mm Sand Pouring Cylinder.

Code: [29-4100](#)

Product Group: [Sand Replacement](#)

### Standards

BS 1377, BS 1924



## Moisture Meter

Code: [35-3970](#)

Product Group: [Measuring Equipment](#)

This is a general-purpose moisture meter designed specifically for building professionals and tradesman to check the moisture content in a variety of construction material for moisture content diagnosis.

This features LED bar graph which indicates 'OK', 'WARNING' or 'DAMP' levels.

Specification:

Scale 1 - Wood 1 (W1): 6.0 to 40.0 %

Scale 2 - Wood 2 (W2): 8.0 to 40.0 %

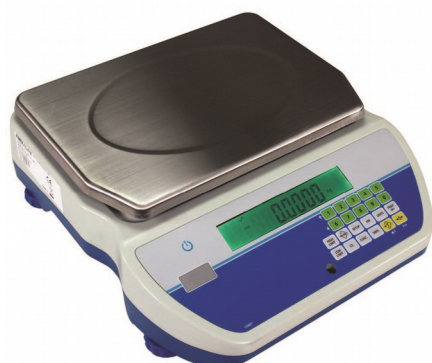
Scale 3 - Plaster (P1): 0.1 to 15.0 %

Scale 4 - Concrete (C1): 0.5 to 12.0 %

Scale 5 - Linear or Reference (Lin): 0 to 1000

## Specification

Resolution	0.1% or 1 (linear scale)
Accuracy	±1% moisture content
Battery	3 x 1.5 volt AAA Battery life: 350 hours
Display	12mm LCD
Dimensions	25 x 56 x 128mm
Weight	130 grams



## Electronic Balance - 32 000 g x 1.0 g

Code: 78-5527/01

Product Group: [Electronic Balances](#)

- Backlit display changes colour for quick notification of checkweighing limits
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Large, grade 304 stainless steel pan allows easy cleaning
- RS-232 interface is available to provide speedy connection to computers and printers
- Optional USB interface simplifies data communication
- Sealed keypad protects against dirt and spills
- Solid ABS housing is durable for industrial use
- Adjustable levelling feet help optimise setup
- Drip channels help divert spills away from the scales internal components
- Checkweighing with audible alarm
- External calibration allows for verification and adjustment with weights
- Internal counting resolution 1:600,000 for precise results
- Parts counting optimisation automatically refines piece weight as parts are added
- Parts counting with freely selectable sample sizes
- Preset tare function speeds the process of repetitive weighing
- Product look up (PLU) memory locations store a range of items for recall
- Programmable auto power-off to save energy
- Rechargeable battery included for operation almost anywhere

Applications: weighing, parts counting, checkweighing, check counting, accumulation of weight, percentage weighing and net total weighing.

## Further Information

\*\*Not available for sale in the USA\*\*

## Specification

Capacity resolution	32000 g x 1.0 g
Pan size	210 x 300 mm
Mains and battery	Yes
Dimensions (w x d x h)	326 x 355 x 115 mm
Net weight	3.29 kg



# Product Sheet

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Weighing units

g, kg, lb, lb:oz, oz

Repeatability

1.0 g

Power supply

12VDC 50/60 Hz 800mA  
adapter/ Internal rechargeable  
battery