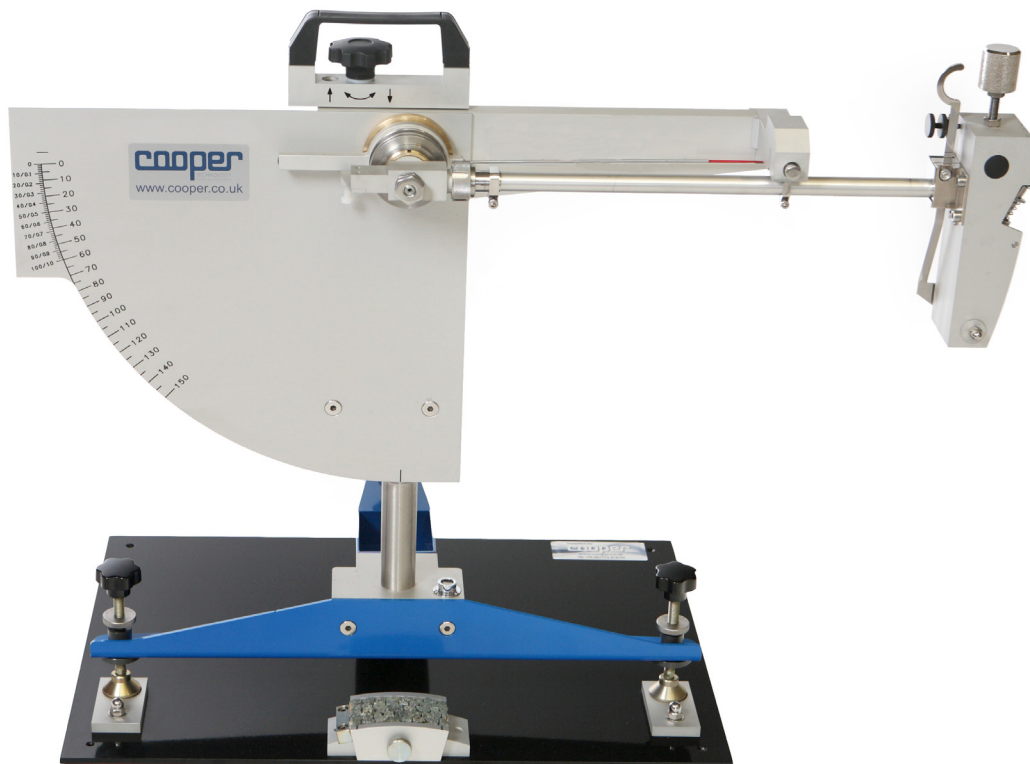


Pendulum Skid Tester

CRT-PENDULUM



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The Cooper skid resistance tester is one of the best portable skid resistance tester in the world.

”

BRIEF INTRODUCTION

The Cooper Pendulum Skid Tester CRT-PENDULUM is the high quality skid resistance testing equipment. Originally designed in the 1940s in the US, the instrument was further developed in the 1960s at the UK Transport Research Laboratory for the testing of road surfaces.

The CRT-PENDULUM measures the frictional resistance between a rubber slider mounted on the end of a pendulum arm and the test surface. This provides highway engineers with a routine method of checking the resistance of wet and dry surfaces to slipping and skidding, both in the lab and on site.

It is based on the Izod principle: a pendulum rotates about a spindle attached to a vertical pillar. At the end of the tubular arm a head of known mass is fitted with a rubber slider. The pendulum is released from a horizontal position so that it strikes the sample surface with a constant velocity. The distance travelled by the head after striking the sample is determined by the friction of the sample surface. A reading of Skid Resistance is obtained.

KEY FEATURES

- Designed for laboratory and in situ road surface testing
- Dispatched calibrated to EN1097-8 (accredited under ISO 9001:2000)
- Low friction arm, and lightweight pointer
- Comes with integral 'F' scale for use with small slider set for 76mm slide length. (PSV test)
- Repeatable and reproducible
- Supplied with robust carrying case
- Made in the United Kingdom

KEY USES

- Assessment of surface friction and skid resistance properties
- Testing of aggregates in the PSV (Polished Stone Value) test
- Testing of new road surface materials under development
- Testing of pedestrian walkways
- Traffic accident investigations,
- Litigation investigations
- Testing of pavers in the Flat Bed Polisher

STANDARDS

- ASTM E303-93
- AS/NZS 4586:1999
- BS 812 Pt. 114
- BS 6077 Pt 1
- BS 7044
- BS 7188
- BS 7976
- BS 8204
- EN 1097-8
- EN 1436:1997
- EN 13036-4
- EN 1338
- EN 1399
- EN 1341
- EN 1342
- EN 13036-4 : 2003
- EN 14231 : 2003
- CNR N 105
- CNR N 140
- NF P18-578
- NF P18-575
- NLT 174
- BS EN 13748-1:2004
- BS EN 13748-2:2004
- BS EN 13845:2005

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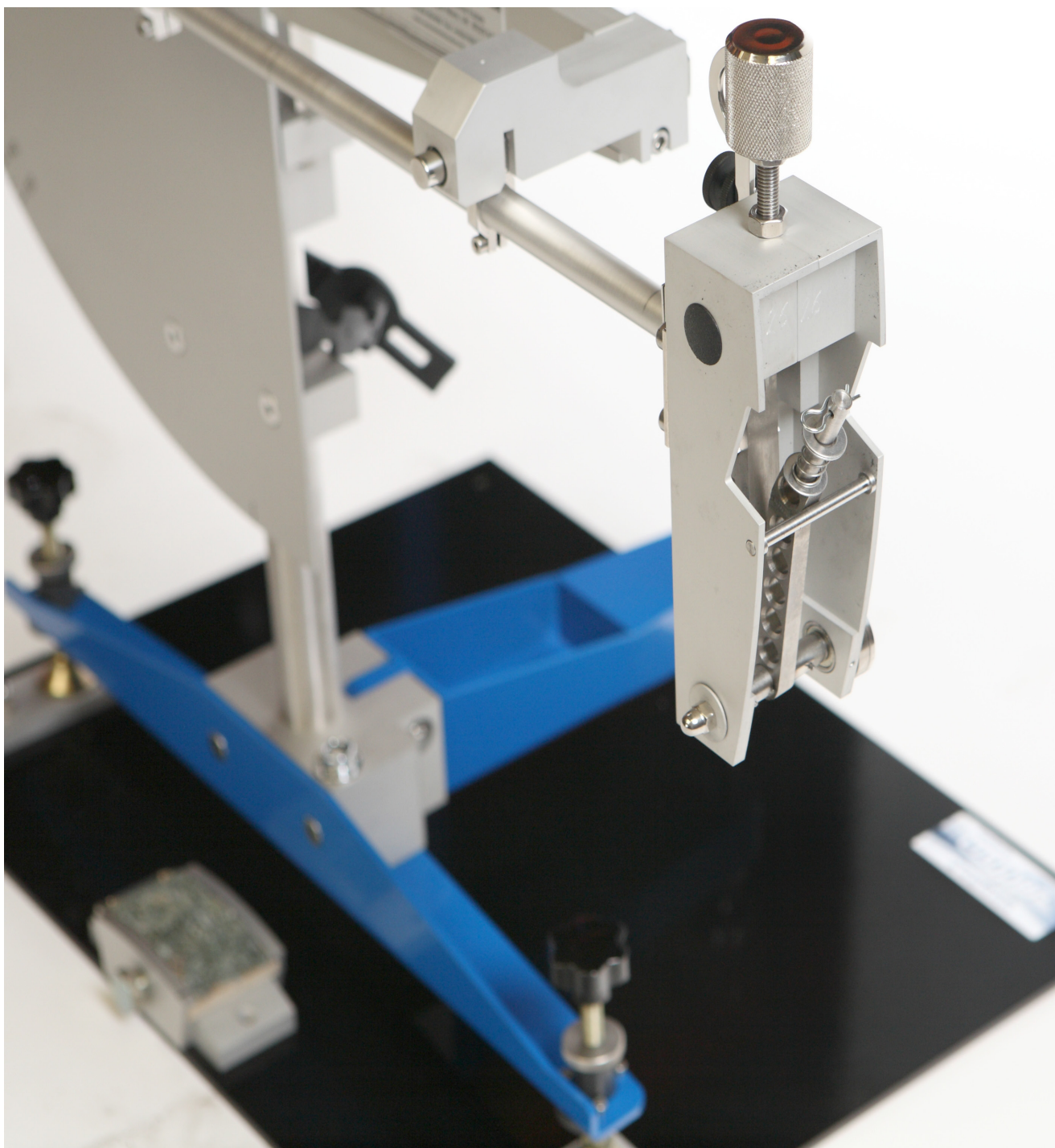


SPECIFICATIONS

Dimensions mm (W x D x H) 700 x 300 x 700

Volume (packed) cu metres 0.15

Weight Kg 30



Accessories

Accessories listed below are not included in the price of the main device unless stated and should be purchased separately as per requirements.

CRT-PEND-S886
Base Plate



CRT-PEND-SPFEET
Set of 3 Spreader Feet

CRT-PEND-885/1050
1.25" Rubber Mounted PSV Slider

CRT-PEND-885/1060
3.00" Rubber Mounted TRL (55) Slider

CRT-PEND-885/1070
3.00" Rubber Mounted Four S (96)

CRT-PEND-885/1431
3.00" Rubber Mounted CEN Slider

CRT-PEND-CAL1
First traceable calibration

CRT-PEND-885/1024
Tool Kit (included with main item)



CRT-PEND-885/1200
Pendulum Instrument case (included with main item)

Calibration & Maintenance

Calibration, Annual Service and Maintenance Contracts are available for this device. Please enquire for further details.

Note: This device should be calibrated annually.