



## Slurry Testing Machine

### CRT-STM

***High quality, simple and reliable machine, complies to EN 12274-5 for the determination of wearing and minimum binder content***

The slurry surfacing test machine CRT-STM also known as Wet Track Abrasion Test Machine was developed to simply and reliably determine the minimum binder content of the mix under wet track abrasion conditions according to the determination of wearing test: EN 12274-5.

### Standards

- EN 12274-5
- ASTM D3910
- ISSA TB100

### Key Features

- Abrasive head according to EN 12274-5
- Planetary gear system providing the abrasive head with rotating speed of 144rpm for 61 complete cycles of the planetary system
- Test bath fitted with three spindles to fix the test base plate
- 310mm diameter and 5mm thick test base plate with 3 or 4 knurled head screw fasteners
- Hose can be supplied made from 80° shore hardness rubber. The rubber is reinforced with double cord surface
- The hose has an internal diameter 19mm and an external diameter of 31mm
- Integral timing device stops the test automatically after 300 seconds
- Type A,B,C and D Ring shaped annular metal moulds available

### Key Uses

- Determination of wearing
- Determination of minimum binder content

### Accessories

Accessories are not included in the price of main device (unless stated otherwise) and may be purchased separately if required.

CRT-STM-AH Abrasion hose for SWT to EN 12274-5 - 127mm length

CRT-STM-AH3 Abrasion Hose for SWT to EN 12274-5 - 3 meter length

CRT-STM-AH5	Abrasion Hose for SWT to EN 12274-5 - 5 meter length
RT-STM-LP	Levelling Plate
CRT-STM-M10	Mould type B 10,0 +/- 0.5mm
CRT-STM-M13	Mould type C 13,00 +/- 0.5mm
CRT-STM-M19	Mould type D 19,0 +/- 0.5mm
CRT-STM-M6.3	Mould - Ø279x295mm Type A Wall Thickness 6.3mm
RT-STM-RINGA	Type A 6,3+- 0.5mm BS EN 12274-5:2003 Ring
CRT-STM-RINGB	Type B 10,0 +/- 0.5mm BS EN 12274-5:2003 Ring
CRT-STM-TP	Test piece bases

## Specifications

Technical specifications are subject to change without notice.

Planetary Speed	144rpm for 61 complete cycles
Vertical kinetic friction force	22.3N
Test base plate diameter mm	310
Test base plate thickness mm	5
Test piece base density	700g/m <sup>2</sup>
Test bath dimensions mm (WxDxH)	400 x 400 x 125
Automatic timer duration	300 sec
Hose hardness	80° shore
Hose with standing pressure	2533MPa
Hose internal diameter mm	19
Hose external diameter mm	31
Dimension mm (W x D x H)	450 x 460 x 560
Weight (approx.) Kg	35
Electrical Supply	220-240 Volts 50Hz @ 13A (others available)

## Calibration & Maintenance

Calibration, Annual Service and Maintenance Contracts are available for this device. Please enquire for further details. Note: This device should be checked and calibrated annually.

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