



CODE **GT0809**
OVERALL DIMENSION . 450x370x190 mm
WEIGHT 13,5 kg
POWER 30 W
SPEED 17mm/sec



SLIPPERINESS DYNAMIC SLIP BCRA

STANDARD

DRAFT EN ISO 10545-17, ANNEX A, D.M. n° 236 GIUGNO 1989, AS/NZL 4663 : 2004, method B.C.R.A , ABNT NBR 16919

DESCRIPTION

Instrument to determine the dynamic coefficient of friction COF manufacturer according to BCRA method. The instrument is a vehicle with 4 wheels composed by an aluminium chassis and a steel epoxy painted cover. A gear motor propelled by a battery LI-ION move two wheels at 17 mm/s. The COF measure is acquired during the movement of the instrument by a slider Ø 9 mm (Four-S rubber or leather) in contact with testing surface. The vibration of the slider is transmitted to an LVDT sensor. The LVDT sensor converts the mechanical signal in a proportional electronic signal. The signal processed by an A/D microprocessor shows the medium coefficient of friction COF. At the test end the display LCD shows the medium value of COF obtained; it can be printed the diagram by the on board printer. The instrument is supplied by software running in Windows XP/Vista 8/10 and RS-232 output to connect a PC.

ON REQUEST POSSIBILITY TO MEMORIZE UP TO 40 TESTS

TECHNICAL SPECIFICATIONS

- *Electronic transducer LVDT with sensitivity of 800 mV/V/mm and accuracy of 0,3 %*
- *Software Data Collection*
- *Output RS - 232 to connection PC*
- *Electronic system with display for the instant read and average slipperiness (COF)*
- *Thermal printer for test report*
- *Programmable integration time from 1 up to 15 sec*
- *Supply: rechargeable Li-ion battery*
- *Adapter RS232-VSB*

EQUIPMENT

- *Slider with leather*
- *Slider with rubber (4S) Four-S*
- *No. 5 slider holders*
- *Battery charger 230 VAC - 50/60 Hz*

ACCESSORIES AND SPARE PARTS

GT0816	Slider with rubber (4S) Four-S
GT0817	Slider with leather
GT1168	Packing n° 20 paper rolls for printer