



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



## SLIPPERINESS DYNAMIC SLIP DS

### STANDARD

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

### 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

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