

Product Name :
Continuous Friction Measuring Equipment

Product Code :
CHINAELABC460007



Description :

Continuous Friction Measuring Equipment

Technical Specification :

The two-wheel continuous friction measuring equipment utilizes a system of skidding a special non treaded tyre across the pavement surface and measures the resultant resistance force to calculate surface frictional properties.

Trailer size: 1553x960x570mm (LxWxH)

Trailer connector height: 350±12mm

Trailer weight: 254kg (without the support wheel)

Weight distribute: Left wheel--at calibrated height position 77.5±1kg

Weight distribute: Right wheel--at calibrated height position 77.5±1kg

Testing wheel adjustment: Double wheel adjustment: left/right wheel 7.5°each wheel Single wheel adjustment: right wheel 15°

Rear wheel: 53.5kg

Testing wheel (especially for friction coefficient test): ASTM 1551E

Testing wheel for distance: Standard tyre

Tyre pressure: Testing wheel for friction coefficient: 0.7±0.035kg/cm² Testing wheel for distance:

2.1±0.137kg/cm²

Speed: 0~100km/h

Testing speed for international airport : 65km/h and 96km/h

Testing speed for standard pavement: 50km/h

Working voltage: DC 9-36V (12V, 24V vehicle power can be used)

Electronic component: Internet interface, laptop

Friction coefficient testing accuracy: Average value ±0.01

Distance testing accuracy: $\pm 0.1\%$ (plus tyre abrasion)
Temp. measuring: Pavement surface temp. sensor
Testing accuracy: $\pm 1\%$
Water sprinkler system (optional): Manual or automatic control



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