

FLOOR FRICTION TESTER

Mastrad Limited WWW.MASTRAD.COM Email:sales@mastrad.com



SLIPS, TRIPS AND FALLS account for over half of all reported injuries, costing employers and organisations over £300 million pounds per year. The HEALTH & SAFETY AT WORK ACT 1974 emphasises that all employers must take steps to control slip and trip risks in the workplace.

DO YOU HAVE A RISK MANAGEMENT POLICY TO IDENTIFY THESE PROBLEM AREAS?

The **TORTUS** measures directly the dynamic co-efficient of friction as it traverses a surface or flooring material to be used by pedestrians. The measurements recorded are **date/time stamped** and can be printed from an integral printer, or **downloaded as datafiles** onto a USB memory stick.



The NEW **TORTUS 3** features many new benefits to the end user, including:

- USB memory stick for data retrieval
- Quick & simple calibration
- Easy to use LCD operator commands throughout operation
- Date/time stamp on printouts and datafiles
- Easy to operate, lighter and even more portable
- Integral lock for use whilst in transit
- Supplied complete with metal framed carrycase

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Applications

The **TORTUS** is established globally as an essential part of risk management policies in the following areas:

- Local authorities
- Shopping malls and supermarket chains
- Airports and train stations
- Banks and cruise liners
- Contract cleaning companies
- Fast food chains and restaurants
- Floor suface manufacturers
- Major international hotels
- International sports surfaces
- Petrol stations and prestige car showrooms

It is used in the following ways:

- Assessing floor safety
- Evaluation of floor cleaning materials
- Checking effectiveness of maintenance procedures
- Accident investigations
- Evidence for litigation purposes

Standards

Over the last 20 years, the **TORTUS** has become internationally recognised in the following standards as acceptable for dry testing:

- ISO 10547-17 draft European standard for the determination of coefficient of friction
- Australian and New Zealand standard AS/NZS 4663 2004
- Ceramic tile institute of America
- Italian single instrument standard

Cost savings result from protecting your staff and customers by achieving and maintaining correct floor safety standards, by:

- Reducing the working days lost through STF accidents
- Helping to prevent expensive damages claims
- Avoiding production stoppages

How does it work? Research has shown that the most dangerous type of slip occurs when the heel slides forward on making contact with the ground. The simulates this condition, by reproducing the conditions under the heel during straight walking.











Global Tortus Usage:

The is used by

organisations in the following countries:

AUSTRALIA BRAZIL MALAYSIA THE NETHERLANDS CHINA NEW ZEALAND DENMARK PORTUGAL EIRE SINGAPORE SOUTH AFRICA FRANCE FINLAND SWEDEN **G**REECE THAILAND TURKEY ITALY JAPAN UNITED KINGDOM MALAYSIA United States

Instrument function check/servicing

TORTUS 3

- Consultancy
- Comprehensive training
- On-site testing
- Global support

