

TENI-826MU — India's 1st Smart Portable Digital SCOF Slipmeter

Drop the sled. Pull. Get your SCOF number, grade, and audit-ready report in seconds.

India's premier digital tribometer engineered with real-time force-time telemetry, automated pull technique validation, and instant wireless compliance reporting for reliable walkway auditing.

PROPRIETARY TELEMETRY & VALIDATION • IP / COPYRIGHT PROTECTED

Designed in accordance with ANSI/NFSI B101.1

INDIA'S FIRST-IN-CLASS VALIDATION & DOMESTIC MANUFACTURING

Indigenous Development: The first portable digital SCOF floor slipmeter developed, manufactured, and calibrated in India.

Feature Distinction: The first instrument in its class to integrate proprietary digital force-sensing architecture, real-time pull-rate validation algorithms, and instant wireless compliance reporting.

CORE INNOVATIONS & TECHNICAL CAPABILITIES

01

Lab-Grade Precision Sensing

Proprietary digital force-sensing core eliminates mechanical springs, analog dials, and subjective operator estimation.

02

Intelligent False-Reading Rejection

Proprietary DSP filtering automatically suppresses mechanical vibration, surface chatter, and accidental tap noise.

03

Technique Scoring & Auto-Validation

Embedded smart validation algorithm rates pull smoothness and triggers an automatic "REDO" prompt if an uneven tug occurs.

04

Instant Traction Classification

Translates measured peak SCOF into standard safety tiers directly on screen with zero manual lookups or field errors.

05

Multi-Surface & Contaminant Ready

Pre-calibrated for dry, wet, soapy, oily, and chemically-treated marble, granite, ceramic, vitrified tiles, and polished concrete.

06

Instant Mobile App & Cloud Audit Trail

Wirelessly transmits full Force vs. Time saturation curves, timestamps, and photos to generate client PDF reports in seconds.

AUTOMATIC SAFETY TRACTION GRADING

EXCELLENT (≥ 0.60 SCOF)

HIGH TRACTION • SAFE WET WALKWAYS

GOOD (≥ 0.50 SCOF)

ACCEPTABLE TRACTION • REGULAR MONITORING

CAUTION (< 0.50 SCOF)

HIGH SLIP RISK • REMEDIATION REQUIRED

BENCHMARK COMPARISON: TENI-826MU VS. CONVENTIONAL DRAG SLEDS

Feature	TENI-826MU Digital Slipmeter	Conventional Manual Drag Sleds
Measurement Engine	Proprietary Digital Sensing + DSP Telemetry	Mechanical Spring / Basic Analog Gauge
Operator Error Control	Active Technique Scoring with Auto-REDO Prompt	None (Relies 100% on operator pull feel)
Data Transparency	Full Force vs. Time Saturation Curve	Single static number (no verification)
Noise & Spike Shield	Proprietary Real-Time Digital Filtering	Prone to false highs from jerky tugs
Reporting & Compliance	Wireless iOS/Android App & Instant PDF Export	Manual paper notes & clipboard transcription
Standard Methodology	Designed in accordance with ANSI/NFSI B101.1	Basic Manual Reference / Legacy Sled

KEY INDUSTRY APPLICATIONS & SURFACE VERIFICATION

Commercial Real Estate • Hospitality & Resorts • Industrial Plants & Food Processing • Healthcare & Hospitals • Anti-Slip Chemical Treatment Validation • Flooring Handover