ROPE GRIPS

Automotive Cable Sliding Test Fixture LV112-1

Roller and weight fixture for sliding properties of single-core automotive cables to LV 112-1



OVERVIEW

Test fixture for determining the sliding properties of single-core, unshielded electrical cables for motor vehicles to LV 112-1, Fig. 3. The cable is laid over a roller mounted on the load cell, tensioned at one end by a clamp weight and fixed at the other end in a lower clamp on a graduated slide. The force needed to slide the cable is recorded.

KEY FEATURES

- Built for LV 112-1, Fig. 3 cable sliding test
- Roller mounted directly on the load cell side
- Clamp-on weight provides defined cable pretension
- Lower clamp with knurled screw on a graduated slide
- Lightweight anodized aluminum construction for low tare load
- Quick cable change without tools between tests

TECHNICAL SPECIFICATIONS

Test type	Sliding properties of automotive cables
Specimen	Single-core, unshielded vehicle cables
Components	Upper roller, clamp weight, lower clamp on graduated slide
Lower slide scale	0-50 mm
Max. load	On request
Material	Aluminum, anodized; steel clamp
Coupling	Clevis pin coupling - other sizes via adapters

APPLICATIONS

- Automotive wiring harnesses
- Vehicle cable insulation
- Cable qualification testing
- Automotive OEM testing

STANDARDS LV 112-1

Ordering & customization: Specify the cable outer diameter range, the required pretension weight and the coupling of your testing machine.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-RP-010