



## TUS-A

### Magnetic Stripe Wear Test Tool

#### Wear test for magnetic stripe in ISO format

This equipment will move for a pre-defined number of cycle an ISO format card under a dummy head to wear out the magnetic stripe and its coating.

Every mechanical parameters of the test head (hardness, contact surface dimension, pressure) and the conveying speed complies with the conditions defined by ISO/IEC 10373-2. CQM requirements tag #3024#.

They are two counters:

- The cycle counter.
- The wear cycle of the test head.

One cycle means a complete displacement of the card in both directions.



#### Technical characteristics

**Motion Speed**  
200 mm/s

**Head dimension**  
R = 10 mm  
L = 5 mm

**Head hardness**  
120 HV +/- 0,2 HV (Vickers)

**Head force**  
1.5N +/- 0,2

**Dimensions**  
W x D x H: 400 x 360 x 200 mm

**Weight**  
10.5 Kg

**Power supply**  
100-230VAC 50/60Hz

*In compliance with E.C. directives*

#### Associated products

The results of the wear test can be analyzed with other MULANN products:

- NTMAGII and NTMAGIII