



## ATT-A

### Card Abrasion - Durability Test Tool

#### Applications

The ATT-A tester is the perfect equipment to test the resistance of the smart card surface elements to abrasion.

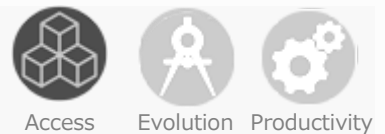
- Magnetic stripe.
- Durability of thermal transfer, indent printing and laser engraving.
- Quality control.
- Audit and certification.

It complies to the latest MasterCard CQM requirements:

TM-B04-1 & -2 test method sandpaper rub test and soft eraser rub test.

#### Key Benefits

- Easy-to-use with PLC and color touch screen display.
- Adjustable abrasion test zone and programmable test cycles.
- Sandpaper preparation tool included.
- Additional weights are optional.



Access

Evolution

Productivity

#### Technical characteristics

##### Control System

PLC with color touch-screen control

##### Adjustable parameters

Test zone  
Number of cycles  
Reference position (manual)  
Axis setting

##### Dimensions

W x D x H: 585 x 440 x 490 mm

##### Weight

Net 40Kg

##### Power supply

110V-220VAC 50Hz/60Hz  
450W rated

*In compliance with E.C. directives*

#### Associated products

Other MULANN test tools are nicely complementary to meet ISO/IEC norms and MasterCard CQM requirements. Please contact us for more information.