



## CWT-EB

### Overall Card Warpage Test Tool

#### Application

This tool is designed to test the overall card warpage of the card after personalization for non-embossed cards (1,5mm) and embossed cards (2,5 mm).

It complies with ISO/IEC 7810 & 7811-1 norms.

It can be used for:

- Quality control / Production control.
- Support to CQM certification and audit.

#### Key Benefits

- A useful box for stacking a batch of at least 20 cards.
- Easy go/no-go quick control of the overall card warpage.
- Only one tool for both embossed and non-embossed cards by simply turning the gauge to the opposite side.



Access



Evolution



Productivity

### Technical characteristics

#### Dimensions

W x D x H: 195 x 95 x 220 mm

#### Weight

1.8 kg

#### Accessories

Gauge height 1.5mm  
Gauge height 2.5mm

*In compliance with E.C. directives*

### Associated products

Other MULANN products are nicely complementary:

- BWT-A or WTT-A control tools for bending stiffness and wrapping test
- TFD-A or TFD-P30 testers for dynamic bending
- PVT-A functional tester