The ALTM (Automatic Layer Thickness Machine) is designed to accurately and reproducibly measure the thickness variations of coats or paints over a large surface/panel. With this machine it is possible to optimise the paint and spraying process. The machine can measure on steel or aluminium substrates.

Operator friendly

Operating the ALTM is easy due to the intuitive Graphical User Interface. The user can easily adjust parameters. The output is an data grid with measured output in micrometres for each measured coordinate. Additional the user can easily perform manual measurements.

ALTM test procedure

First place the metal plate at the machine.

Work from a template, start a new measurement or perform a quick measurement and press start.

Results can be saved as Excel file directly. Multiple layer results can be subtracted.

Features

The ALTM has the following in-built functions:
- automatic material detection (steel/aluminium)
- automatic calibration
- automatic measurement
- multiple layer support
- adjustable offset, pitch and number of measurements;
- storage of user templates;
- layer topology visualisation
- up to 800x500mm plate size (or custom size)

Cleaning

Because the apparatus is used in an environment with paints and coatings the design took into account the following points:
- Cleanable glass the display screen and industrial design can be cleaned with paint thinner.

Safety

The ALTM is designed and built to meet current European CE regulations.

CE