

Winterthur Instruments ([www.winterthurinstruments.ch](http://www.winterthurinstruments.ch)) develops and markets the CoatMaster TTC Thermal Testing of Coatings measurement system for industrial process and quality control. The CoatMaster incorporates a proprietary technology to instantly determine properties of coatings, non-destructively and without requiring physical contact.

With the CoatMaster, Winterthur Instruments supports their customers in saving production time and coating material as well as implementing 100% quality control. They can be profitable to sectors as diverse as automotive, aerospace, architectural, energy and med-tech industries.

**Founders:** Andor Bariska (CEO), Prof. Dr. Nils A. Reinke (CTO)

**Founding Date:** January 13, 2011.

**Team size:** 9

**Awards / Grants:** Venture Kick 2011, Heuberger Jungunternehmerpreis 2011, Top 100 Startup, Eidgenössische Volkswirtschaftstiftung, CTI/KTI, Top 20 Innovation Hannover Messe 2011, ITG Innovation Award 2010

## Product Overview

# CoatMaster

## Measurement of Coating Thickness for Real-Time Quality Control



### ☑ Optimize process

- detect process problems early, before drying or curing stages
- improve set-up and process with real-time thickness measurements

### ☑ Improve product quality

- inspect more parts, even 100%, in less time
- reduce defects and rejects

### ☑ Reduce material costs

- use 10 – 20 – 30 % less paint and coatings
- minimize waste and environmental impact

### ☑ Intuitive & easy to use

- simple operation
- for lab and production

### ☑ Quick & easy calibration

- no calibration (relative measurement)
- pre-calibration
- one-step calibration

### ☑ No high-power laser

- simple installation
- no laser certification required