STRONG3000

TECHNICAL DATA SHEET

Product Data Sheet · Revision: November 2026

LABORATORY & TEST

Measurement & Test Devices

Portable measurement kits let you verify film thickness and coating quality right at the line — practical tools for quality records and process control.

Open online

strong3000.com/en/products/measurement-test-devices/



KEY FIGURES

Film thickness measurement	Range	Accuracy	Kit contents
ISO 2178 (magnetic) / ISO 2360 (eddy current)	**0 – 2,000 µm**	**± (1–3% + 1 µm)**	**Complete kit with carrying case**



OVERVIEW

You Can't Manage Quality Without Measuring It.

Film thickness is the common denominator of appearance, corrosion resistance and cost. Regular measurement at the line catches defects before the oven.

STRONG3000 measurement kits arrive in a portable case and are delivered with training and support alongside equipment deliveries.

KEY BENEFITS

Quality Control at the Line.

Portable Kit

Complete measurement kit in a case.

On-Site Verification

Fast film thickness checks at the line.

Quality Records

Measurable data for customer audits.

Training & Support

Guidance for correct measurement practice.

GALLERY

Take a Closer Look.





TECHNICAL SPECIFICATIONS

Measurement & Test Devices — Technical Specifications.

Values are typical ranges; final values are confirmed per project by STRONG3000 engineering.

Film thickness measurement	ISO 2178 (magnetic) / ISO 2360 (eddy current)
Range	0 – 2,000 µm
Accuracy	± (1–3% + 1 µm)
Kit contents	Complete kit with carrying case
Use	At-line quality verification & audit records

THE WHOLE SYSTEM

Order of the Powder Coating Line.

Measurement is the checkpoint between application and curing: film thickness is verified before the oven.



PRETREATMENT

Industrial Washing Systems

Oil, grease and swarf are removed by multi-stage spray washing; an optional phosphate / nano-ceramic stage is added.

Explore →



DRYING

Dry-off Oven

Water and moisture left on wet parts from pretreatment are driven off before coating (typically ~100–160 °C).

Explore →



POWDER APPLICATION

PVC Powder Coating Booths

Powder is applied to the part by automatic guns; powder that does not stick is recovered by the mono-cyclone.

Explore →

4

You are here

QUALITY CHECK

Measurement & Test Devices

Film thickness is verified at the line, and regular measurement catches defects before the oven.



CURING

Powder Coating Ovens

The powder melts, flows and cures hard at ~160–200 °C.

Explore →

WHY STRONG3000?

The Engineering Difference.

We don't sell equipment and walk away; we stay with your line from design through commissioning and beyond.

Integrated Engineering
Machinery, electrical, automation and software under one roof — not sourced and assembled.

In-House Technology
Smart AI and OWL are original STRONG3000 technologies developed in-house.

Proven Experience
25+ years of engineering; installation, commissioning and service in 40+ countries.

24/7 Support
Phone, remote connection and 24/7 live support via WhatsApp.

Quotes & Technical Consulting

Tell us about your part, capacity and process. A STRONG3000 engineer will get back to you with a tailored proposal.

Production Center	Ömerli Mah. Elektro 2000 Sanayi Sitesi B18 Blok, Tunaboyu Sk. No:1AZ, 34555 Arnavutköy / Istanbul, Türkiye
Phone	+90 212 438 56 94 · +90 534 037 98 10
E-mail	info@strong3000.com
24/7 WhatsApp	+90 537 353 54 19
Web	strong3000.com/en/products/measurement-test-devices/

FOR A QUOTE, PREPARE

- Product to Be Coated
- Max. Part Dimensions
- Required Capacity
- Number of Colors
- Daily Color Changes
- Coating Process
- Project Timeline

Values are typical ranges; final values are confirmed per project by STRONG3000 engineering. This sheet summarises the product page on our website; scan the QR code for the latest information.