

## Automated Measurement Solutions with tactile instruments

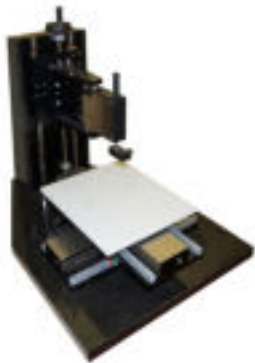


**Note:** FISCHER also offers tried-and-tested solutions using tactile instruments

Depending on the application at hand, either the magnetic induction or the eddy-current measurement method is used.

Example applications:

- To measure as the sample scrolls past (R2R)
- XY-mapping or line-profiles
- Automatic measurement on many samples in a holder
- Various Applications with Lacquers, Zinc, anodic coating,...  
etc.



Many possibilities: From probe cart for automatic measurement on passing-by products (above) via automated means of measuring with an XY measuring table (middle) to special solutions for automatic measurement of individual parts.

[www.automated-measuring.com](http://www.automated-measuring.com)

**Please contact us! We would be glad to help you solve your measuring challenges.**

### HELMUT FISCHER AG

Moosmattstr. 1  
6331 Hünenberg  
Telefon: 041 785 08 00

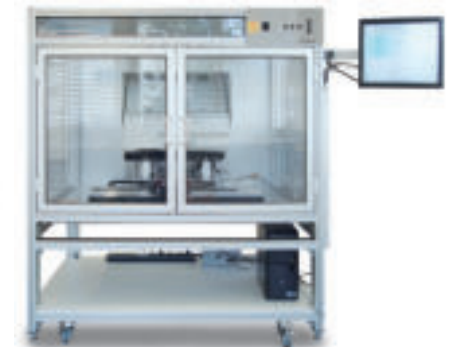
### Responsible for automated measurement systems:

Mr. Roman Widmer  
Telefon: 041 785 08 12  
roman.widmer@helmutfischer.com

## Automated Measuring System for Inline and Specialty Solutions from FISCHER

X-Ray Fluorescence Instruments

Professional solutions for automated, non-destructive measurements with inline and special solutions for production and for quality control.



The possibilities range from turnkey solutions to fully automated XY-scanners all the way up to universal x-ray instruments, also to be integrated in vacuum



HELMUT FISCHER AG



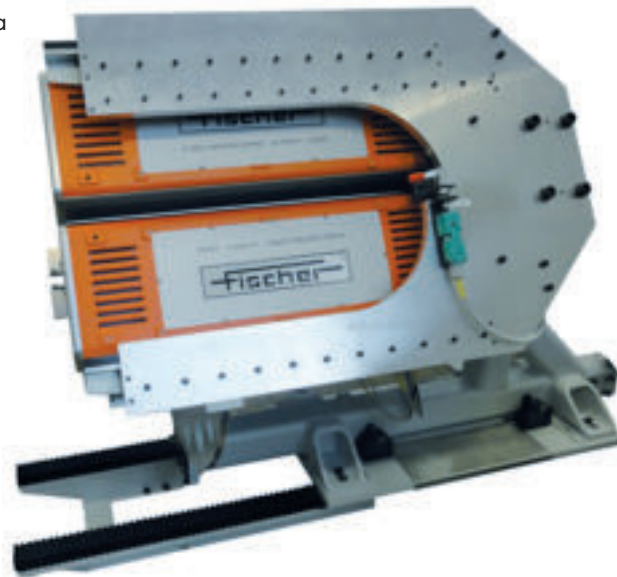
## Various modules available depending on the application.

- Automated measuring systems from Helmut Fischer AG can be used in running production (inline) or set up to perform tasks that are otherwise done manually.
- At the heart of the system is an established measurement technology that is integrated mechanically, electrically and with respect to data interfaces all according to the customer's specific needs and requirements.
- Various modules are available, providing a time- and cost-effective solution to every challenge.
- Over the past 20 years, Helmut Fischer AG's global experience with automated measuring solutions has encompassed a broad range of applications in various industries.



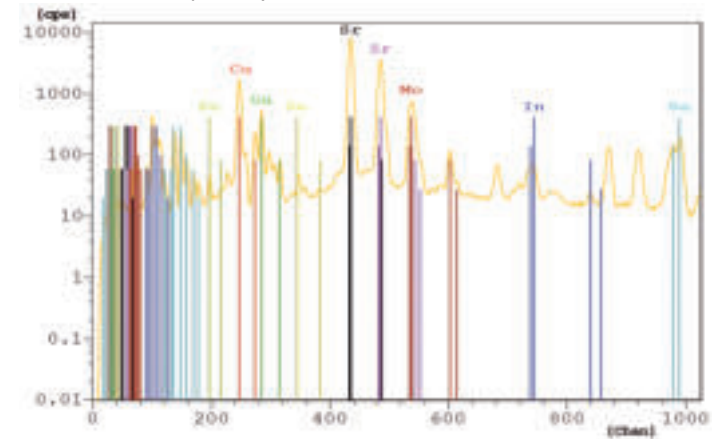
### Why automate measurements ?

- **100% quality control** in production and complete documentation
- **Adherence to narrower tolerance limits**
- **Consistently, high-quality** of the coatings
- **Cost savings** due to less scrap
- **Better reliability:** significantly more measurements in the same length of time
- **Better use of resources:** employees can perform other activities instead of measuring samples by hand.

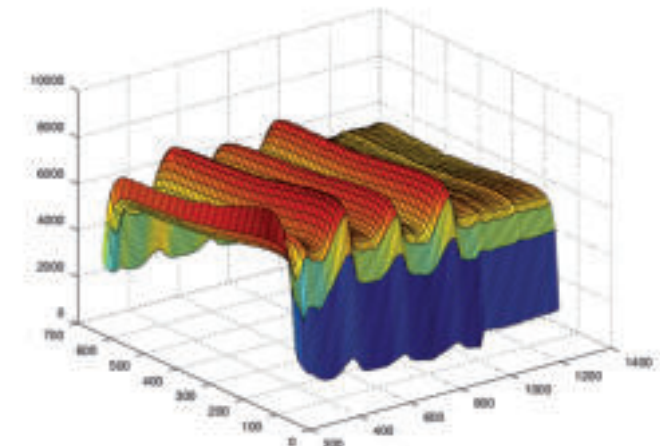


### Example applications:

- Coating products in R2R processes such as pins, plugs, coated strips, etc. (full stripe or perforated products)
- Thin-film photovoltaic products (on glass or foils)
- Products for electronics, e.g. PCB's, wires, etc.
- Specialty solutions



Spectrum of a measurement



XY-Profile of a CdTe-layer in a thin-film solar panel

**Ask us for your application!**