

## Those who know quality know FISCHER!

Our XDV<sup>®</sup>- $\mu$  instruments  
even better now:  
New pulse processor  
DPP+, unique measuring  
distance, even better  
performance and small-  
est measuring spots.

**Concentrate on what  
really matters – your  
products!**

You will find us in:

AFRICA | ASIA | AUSTRALIA | EUROPE |  
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Our experienced staff will be happy to advise you  
locally and in your national language.

Please find your personal contact at:

[www.helmut-fischer.com](http://www.helmut-fischer.com)

# EVOLVE WITH US NOW



THE NEW FISCHERSCOPE<sup>®</sup>  
X-RAY XDV<sup>®</sup>- $\mu$  LD

Best Performance | Smallest Measuring Spots

08/22

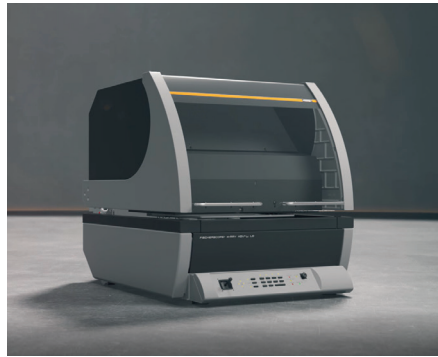
Global Sales, Application and Service

**fischer**<sup>®</sup>

## Your Challenge

- Precise and fast measurement of **smallest structures** with increasingly **complex geometries**
- Precise and fast measurement of **thin films** and analysis of film compositions
- Your components such as **plug contacts** or **assembled circuit boards** require larger measuring distances
- You need a powerful X-Ray device that enables **small measurement spots** and **shorter measurement times**

The new XDV<sup>®</sup>- $\mu$  LD uses the next generation DPP+ digital pulse processor, a polycapillary designed for high count rates, and a silicon drift detector (SDD) with optional 20 mm<sup>2</sup> or 50 mm<sup>2</sup> active area – for short measurement times with outstanding energy resolution!



# MASTER CHALLENGING MEASUREMENT TASKS WITH POLYCAPILLARIES

## Our Solution

### FISCHERSCOPE<sup>®</sup> X-Ray XDV<sup>®</sup>- $\mu$ LD

The capillary device with in-house produced Long Distance capillary convinces through

- enormously **high count rates**
- **smallest** measuring spot (60  $\mu$ m)
- unique **measuring distance** of 12 mm
- **Upgrade now:** Significantly **better standard deviation** and thus measurement capability, as well as **significantly shorter measurement times** compared to collimator devices

## Advantages of our polycapillary devices

- **Variety of capillaries:** 20  $\mu$ m halo, 10  $\mu$ m / 20  $\mu$ m halo-free, 60  $\mu$ m LD capillary
- Programmable, **high-resolution XY table** with **extremely high repeat accuracy**
- **High-precision** camera for exact specimen positioning

Up to

# 50%<sup>1</sup>

improved performance

<sup>1</sup> Significantly better standard deviation and thus measurement capability or significantly reduced measurement time in comparison DPP+ to DPP+.

## START YOUR EVOLUTION WITH US

Discover the possibilities of the XDV<sup>®</sup>- $\mu$  LD and the entire XDV<sup>®</sup> series.

[www.helmut-fischer.com/xdv](http://www.helmut-fischer.com/xdv)

