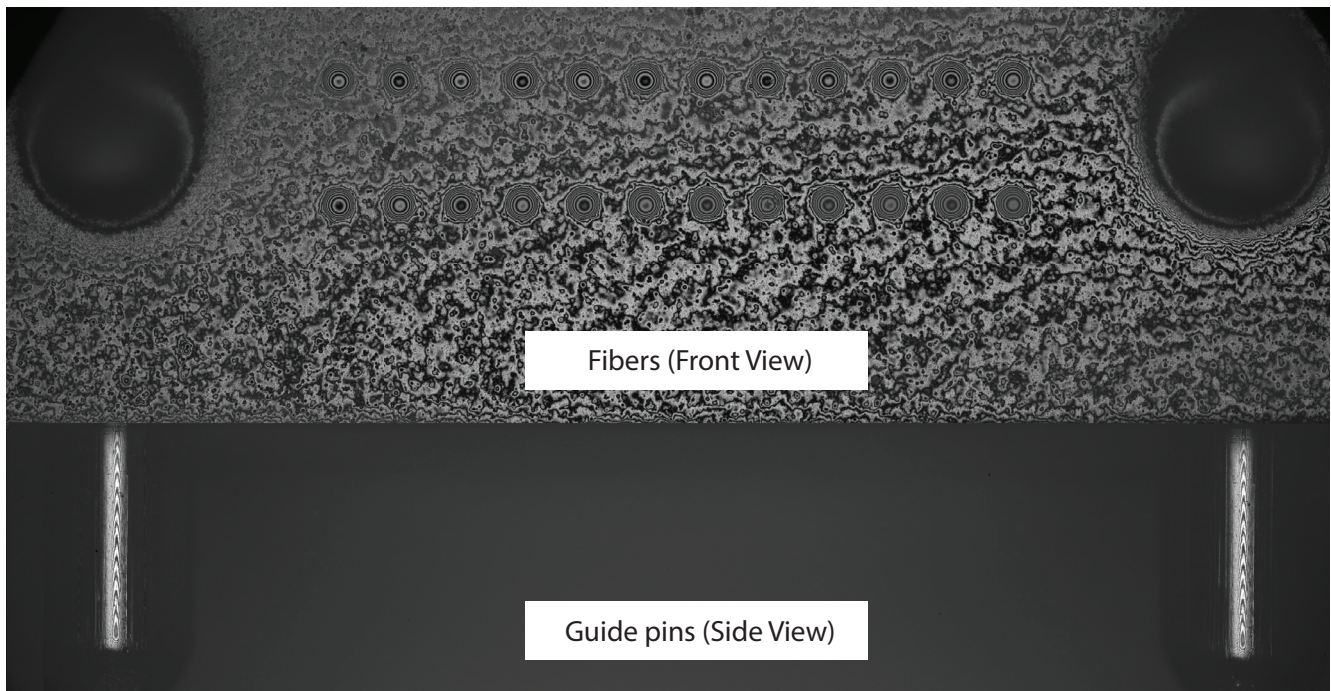


# Measure Angles and Parallelism of Guide Holes

along with standard geometry parameters  
using **Side+Front View** technology



## What is the Side+Front View method?

The patented new approach for the inspection of MTP®/MPO patch cords and its unique MTP®/MPO fixture design provide simultaneous interferometric **scanning from two perspectives**: Side and Front views.

The Side+Front View method allows for measurement of endface angles with respect to average guide pin orientations. In addition, X/Y angles and parallelism of guide holes are calculated in compliance with IEC 61755-3-32 standard that requires guide holes parallelism to be better than 0.012mm and the endface angle with respect to the average of the guide holes to be within tolerance of  $\pm 0.15$  degree.

The technology also addresses the many variables which influence the results of MTP®/MPO geometric measurements while reducing both the need for precise ferrule positioning and attention to cable management.

## What are the benefits?

- Non-contact method reduces risk to guide holes;
- Reduction of operator-error;
- Measurements un-affected by cable strain;
- Increased accuracy by independence of the ferrule parameters;
- User-friendly calibration and verification;
- Control of additional IEC parameters defining guideholes quality.

## What equipment do I need?

**MAX-SVF-series** fixtures and  
**MAX-QM+** or **MAX-QUANTUM** interferometer.

For more information please read  
[www.sumix.com/interferometers/feature-tp-sfv.html](http://www.sumix.com/interferometers/feature-tp-sfv.html)