

## A Revolution in At-Line QC.

### Fibrevision Microscan 2

The Fibrevision FX110 Microscan hand-held data analysis unit is the instrument of choice for most leading companies in the continuous filament business, providing extremely accurate and quick At-Line QC checks.

In 2019 Saurer will continue that choice with the launch of the new Microscan 2 providing accurate measurements of both interlace and spin finish parameters with additional functionality.

MicroSCAN 2 is an ultra-portable battery powered data acquisition unit designed specifically for intensive At-line QC applications. The choice of each individual unit provides either measurement of:

- Interlace
- Spin finish

The Microscan offers substantial cost and quality Benefits in comparison to laboratory testing.



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#### Features and benefits

- Upgraded spin finish and interlace probes equipped with WiFi communication
- Status display via OLED
- Hand held tablet to control probe
- Sampling frequency 1KHz – spin finish application
- Sampling frequency 50 KHz – interlace application
- 16GB data storage
- NIMH rechargeable cells provides up to 6 hours' continuous use
- Payback on investment in less than 3 months

## Cost and quality benefits

### Very low testing costs

- With a few seconds for each measurement a single technician can realistically test well over 100 threadlines per hour using the Microscan.

### Lower capital costs

- A single Microscan has substantially greater measurement capacity than any laboratory equipment and yet is a fraction of the cost

### Payback on investment

- Typically less than 3 months

### Reduction of claims

- Due to improved accuracy and availability of short term variation data

### Eliminate short term faults

- These faults cause significant problems in downstream
- Processing yet cannot be identified in the laboratory tests

### Accurate statistical data

- Resulting from extended test lengths, accuracy of data and more frequent measurements

### Faster feed back

- Immediate identification of faulty threadlines

### Improved quality

- As a result of elimination of short term faults, reduced off quality and better downstream performance

## Microscan 2 applications

| Measurement | Range                  | Data                       |
|-------------|------------------------|----------------------------|
| Interlace   | 10 – 2 000 Denier      | Node/m – mean and CV       |
|             |                        | Node distance – max and CV |
| Spin finish | 0 – 4 000 picosiemens  | Mean, min, max and CV      |
|             | 0 – 30 000 picosiemens |                            |