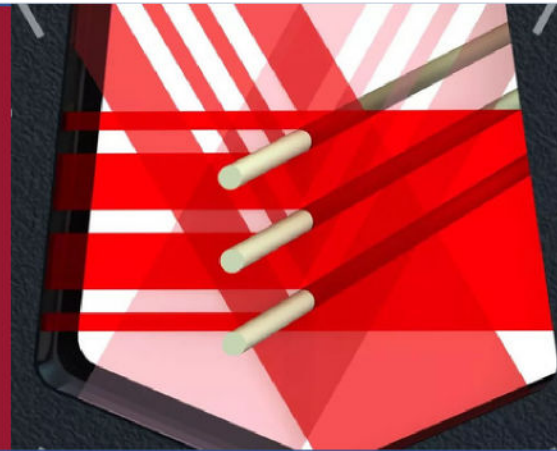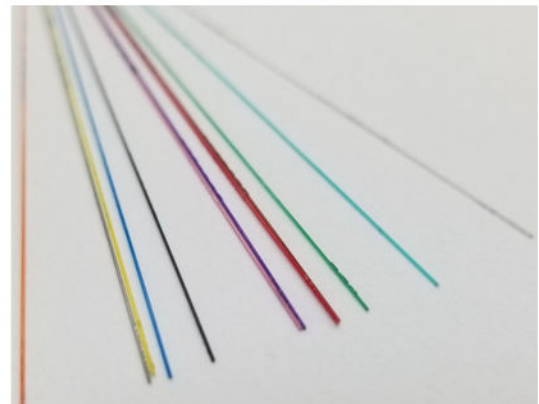laserlinc

Multi-Strand

The Total Vu solution for precisely and simultaneously measuring multiple, continuous strands
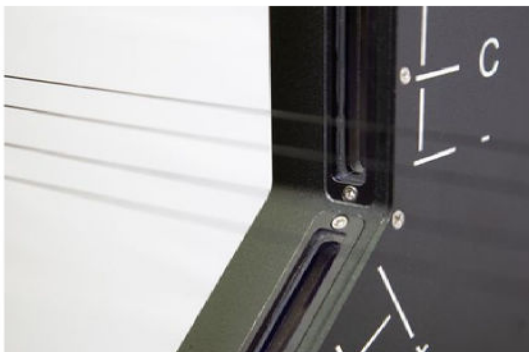
The Multi-Strand software option for the Total Vu HMI enables you to simultaneously measure diameter and ovality across a variable number of continuous strands with 100% length inspection and flaw detection.
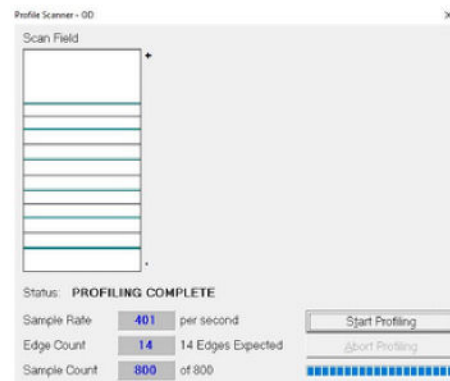

Used with the Total Vu HMI and one or more single- or multi-axis LaserLinc micrometers.

Precisely measures galvanized wire, fishing line, medical sutures, tubes, and other round products.

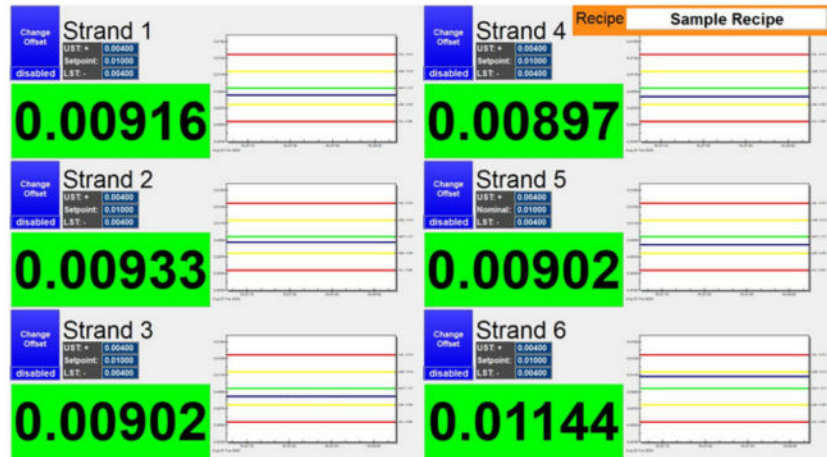*Each strand is uniquely identified by Total Vu for data collection, control, and alarming.*

Total Vu profiles the location of each strand, allowing you to minimize product change-over time.
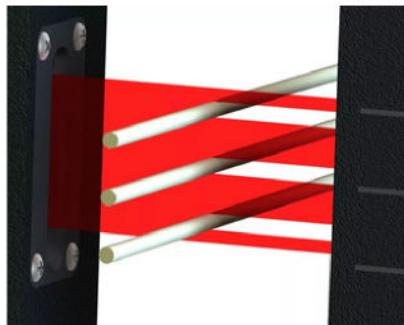
![laserlinc logo]

Multi-Strand

Advantages
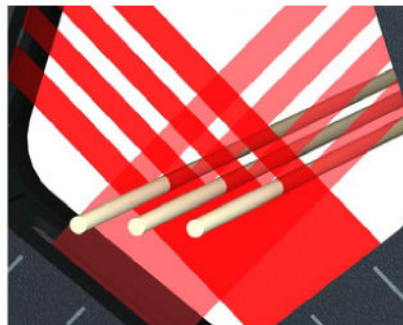
✔ Supports all single-, dual-, and triple-axis LaserLinc micrometers

✔ Assign over 100 different stands, significantly reducing measurement hardware costs

✔ Independently control each strand, maintain strand positions, and alarm on strand breaks

✔ Compatible with clear and opaque products

✔ Statistical Process Control (SPC) and data logging with customizable Excel™ reports

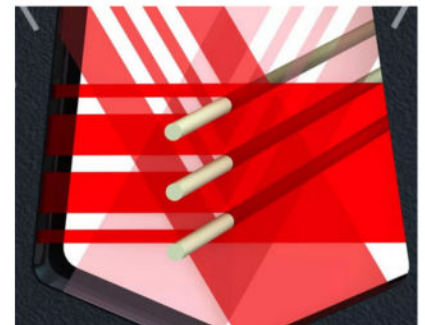✔ Industry-leading customer support and 4-year warranty included with all micrometers and other LaserLinc products

Strand 1	0.00916
Strand 2	0.00933
Strand 3	0.00902
Strand 4	0.00897
Strand 5	0.00902
Strand 6	0.01144

Recipe: Sample Recipe

| Date: | 8/25/2022 | Part #: | 1234567 |
| Operator: | User | Recipe: | Sample Recipe |

SPC Data	Strand 1	Strand 2	Strand 3	Strand 4	Strand 5	Strand 6
Average	0.00917	0.00999	0.00801	0.011	0.00701	0.01514
Max	0.00918	0.01	0.00806	0.01101	0.00702	0.01536
Min	0.00916	0.00998	0.00798	0.01099	0.00701	0.01478
Std Dev	0.00001	0	0.00002	0.00001	0	0.00023
Pp	229.77428	377.17336	63.57903	206.09622	462.16127	5.81754
PpK	182.05575	376.14867	32.02252	154.56454	116.81433	-1.65949
Cp	1911.32422	2071.98221	1380.85655	1073.29112	2212.77161	87.62781
CpK	1514.38864	2066.35314	695.48876	804.92862	559.2927	-24.99641

Single Axis

Dual Axis

Triple Axis