



# Metron

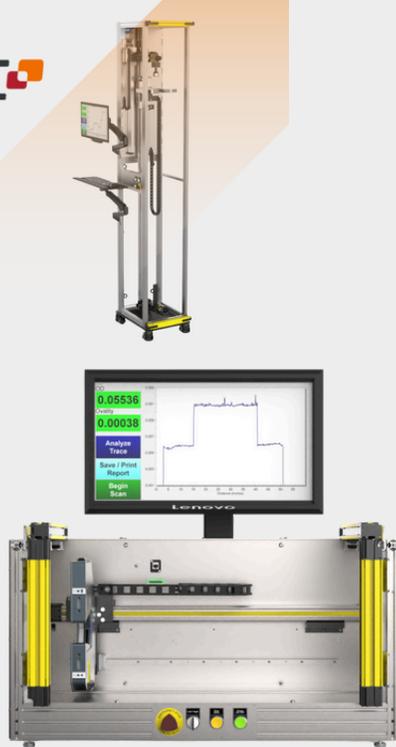
Off-line Sample Measurement System

<https://laserlinc.com/automated-and-manual-sample-inspection/>



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## Metron Measurement Parameters

Model	Metron L (1829mm or 72")	Metron L (1524mm or 60")	Horizontal Metron
With Triton 330 Gauge	Minimum OD: 0.102mm (0.004") Maximum OD: 29.2mm (1.15") Scan Rate: 300 Hz	Minimum OD: 0.102mm (0.004") Maximum OD: 29.2mm (1.15") Scan Rate: 300 Hz	Minimum OD: 0.102mm (0.004") Maximum OD: 29.2mm (1.15") Scan Rate: 300 Hz
With Triton 312 Gauge	Minimum OD: 0.102mm (0.004") Maximum OD: 11.4mm (0.45") Scan Rate: 600Hz	Minimum OD: 0.102mm (0.004") Maximum OD: 11.4mm (0.45") Scan Rate: 600Hz	Minimum OD: 0.102mm (0.004") Maximum OD: 11.4mm (0.45") Scan Rate: 600Hz
With Axion 222 Gauge	Minimum OD: 0.076mm (0.003") Maximum OD: 21.6mm (0.85") Scan Rate: 400 Hz	Minimum OD: 0.076mm (0.003") Maximum OD: 21.6mm (0.85") Scan Rate: 400 Hz	Minimum OD: 0.076mm (0.003") Maximum OD: 21.6mm (0.85") Scan Rate: 400 Hz
Approximate Dimensions [H x W x D]	2760.58mm X 457.2mm X 609.6mm (108.678" X 18" X 24")	2463.2mm X 457.2mm X 609.6mm (96.976" X 18" X 24")	Custom
Approximate Weight	79.38kg (175lbs)	70.31kg (155lbs)	Varies by Custom Order



## Accessories

01



**Spring Loaded Centering Cone:** Goes inside to the tube to selfcenter and hold product

- **Materials:** Anodized aluminum, stainless steel
- **Part Number:** 6004-1181-01

02



**Magnet V-Block With Adjustable Stop:** Steadily hold with out compressing product with adjustment that allows for precision placement.

- **Materials:** Anodized aluminum, Stainless Steel
- **Part Number:** 6004-1145-01



## Accessories

03



**Motorized Part Rotation (MPR):** Automated motorized chuck rotates the part to measure up to 360° around the product

- **Materials:** Anodized aluminum, Stainless Steel
- **Part Number:** 6004-1182-01

04

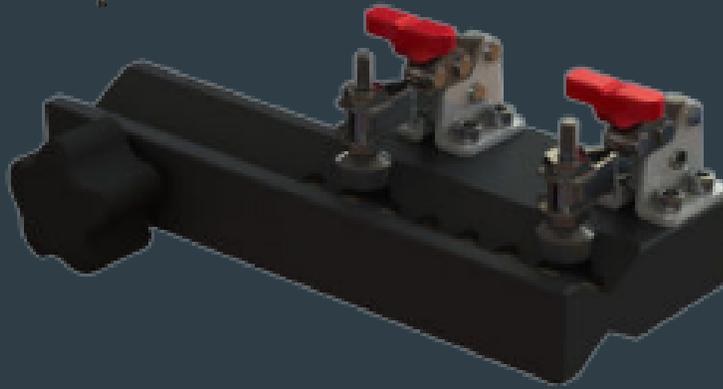


**Spring Loaded Centering Cup:** the spring allows the part holder to remain stationary and push/pull the spring loaded holder away from the product to remove or place.

- **Materials:** Anodized aluminum, Stainless steel
- **Part Number:** 6004-1181-01



05



**Toggle Clamp V-Block:** Can support heavier products and adjustments can be made for varying OD. Will clamp onto a product or a mandrel and can supply minimal tension

- **Materials:** Anodized aluminum and Carbon Steel
- **Part Number:** 6004-1167-01

06



**Cone Holder:** Typically used on the bottom holder. Does not provide any tension. Used for centering the product or mandrel

- **Materials:** Anodized aluminum
- **Part Number:** 6005-3211-05



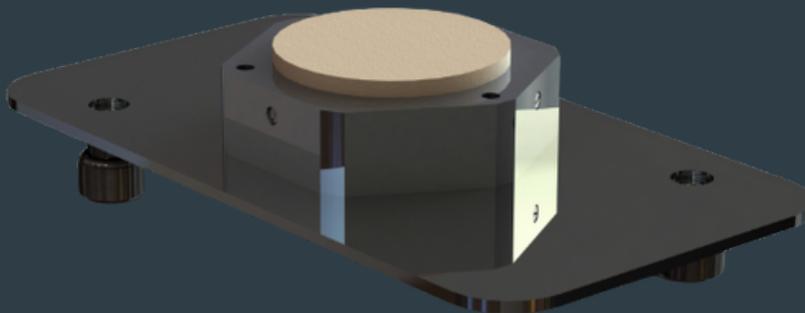
07



**1.5" Zero-Chuck:** Ideal for varying sizes of products. Not ideal for heavy products. Can supply minimal tension

- **Materials:** Stainless Steel and anodized aluminum
- **Part Number:** 6004-1125-01

08



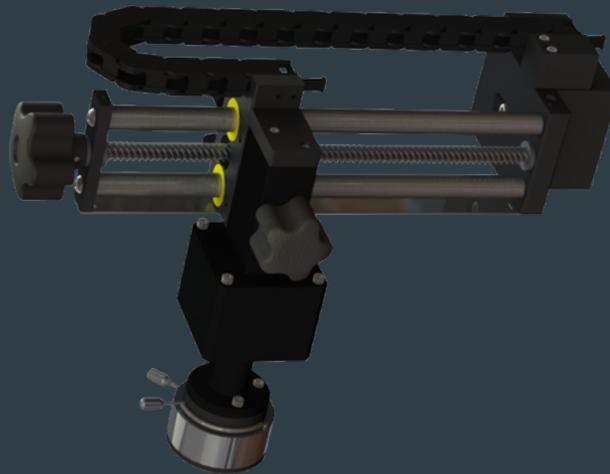
**Throat Mount Guide:** Ideal for keeping a part in the center of the field.

- **Materials:** Delrin and Anodized aluminum
- **Part Number:** 6004-1184-01

\*come with one insert and additional inserts can be purchased upon request



09



**Motorized Part Holder:** Automated motorized part holder with part loading and positioning for longer parts

- **Materials:** Anodized aluminum and Stainless Steel
- **Part Number:** 6004-1176-01