CFS Slim frame for TOM - USMX

CFS Mesys new design compact “C” scanner frame

CFS is a very compact scanner frame for production lines in which space is an issue and where high accuracy measurements of weight and thickness is required. Weight and/or thickness measurement sensors are incorporated in the body of the frame for better protection to environmental agents. It is developed for fine coating applications such as Lithium battery anode and cathode manufacturing

Technical features:

Max. web width: 600 mm

Speed: 200 mm/sec

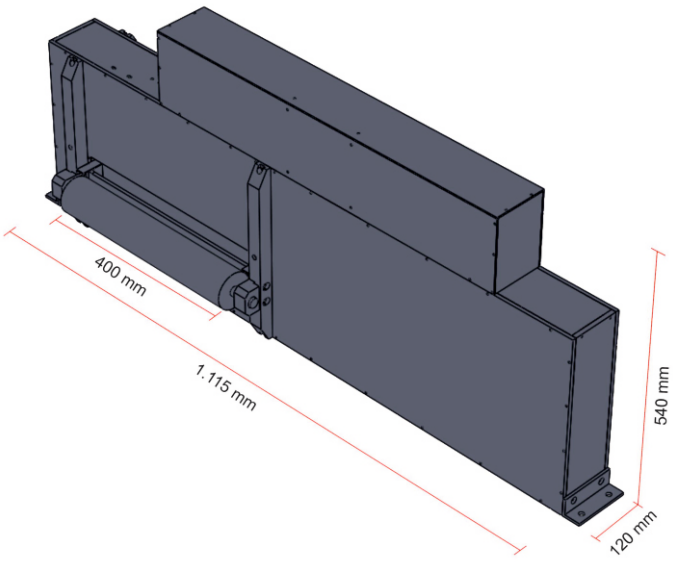
Scanner width: 120 mm

Scanner height: 540 mm

Measurements:

CFS - 200	Weight (gsm)
CFS - TOM	Thickness (µm)
CFS-200-TOM	Weight/Thickness

CFS Frame. With or without rollers



Ideal applications:

- Laboratory lines
- Lithium anode and cathode coating lines. Fine coatings applications
- Food, Energy, Sanitary clean manufacturing

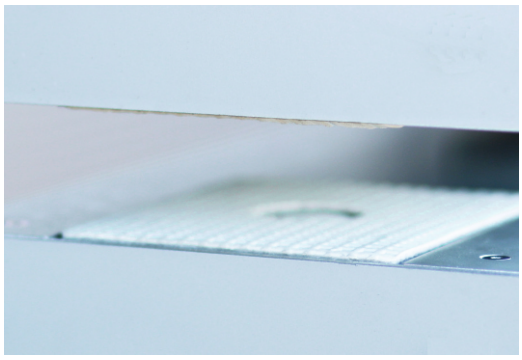
MeSys
High Tech & Innovation

CFS Slim frame for TOM - USMX

USMX-200 (Ultra Sonic Sensor)

Non-contact, non-destructive, non-radiation

- Weight range USMX200: 0 - 1.000gsm
- Weight range USMX500: 0 - 4.000gsm
- Resolution - down to 0,001gsm
- Repeatability: always +/- 0.5% of sample weight
- Mesuring spot: 5 mm dia.
- Clearance in measuring >20mm
- High pass line range
- Fast measurement speed 100Hz
- Highly accurate
- Indipendent by chemical compositions, colors or density
- real weight measurement
- USMX-200/500 can be used with OF “O” frame type scanner



USMX-200 Ultra Sound sensor

TOM (Double distance lasers)

Using high resolution distance lasers (one top and one bottom) it is possible to have accurate thickness measurement of the material in between.

Non-contact, non-destructive, non-radiation

- Thickness range TOM: 200 µm - 30 mm(with “O” scanner frame)
- Repeatability of sensor: 0.02 µm (0.01 µm)[*3]
- Repeatability in scanning mode: depending on material
- Measuring spot: 25 µm x 1,400 µm
- TOM can be used with OF “O” frame type scanner

TOM Distance Laser

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