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TECHNOLOGY GROUP

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Dynamic Dimensioning

# CSN950 Dimensioners

## See More Revenue




### Highest Read Rates

Largest optics highly precise lasers provide the industry's highest read rates. A 2 mm height approval allows for legal-for-trade measurement of flat parcels meaning you can recover revenue on a wider range of objects.



### Reduce Miss-Sorts

High read rates mean fewer rejects. Optimize sorter efficiency with a dimensioner that measures every parcel, even those with black, blue or reflective wrapping, with ease.



### Reduce Complexity

A powerful, embedded computer eliminates the need for an external PC. This reduces the number of parts and cables required, lowering the risk of failure.



### Maximum Uptime

CSN950 dimensioners are designed for quick and easy replacement. If a dimensioner breaks down, it is back up and running quickly again.




### CSN950 Dimensioners

Unrivaled Dimensioning Performance

The more parcels a dimensioner accurately measures, the more profit it provides. The CSN950 dimensioners make easy work of parcels that others cannot measure properly, or may just pass as no-reads.

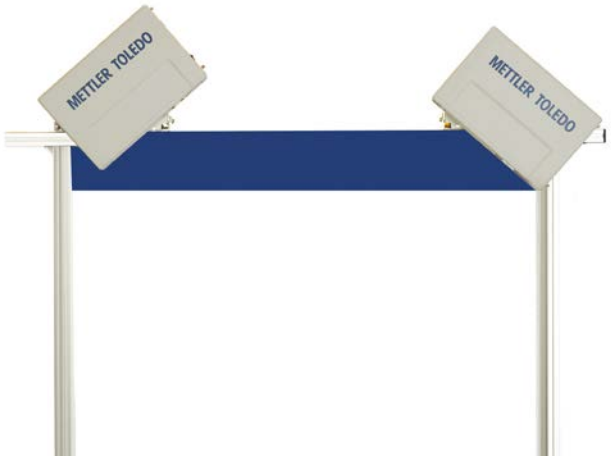
With larger optics, which let in more light and a wider reflective range, the CSN950 and CSN950 MultiHead provide the greatest read rates in their class. With seamless connectivity to barcode readers, cameras, scales and sorters, these dimensioners play a key role in optimizing operational efficiency and profitability in any sorting environment.

METTLER TOLEDO

Technical data

# CSN950 / CSN950 MultiHead™

## Dynamic Parcel Measuring




### Features and benefits

- Widest dynamic range for maximum read rate
- Powerful embedded processor - no external controller
- Measures accurately at high and low speeds - misses nothing
- Measures in forward and reverse
- Detects and reports touching items to aid package flow
- Provides orientation data for correct sorting and tracking
- Irregular code for identifying damages and improper packing
- Secure data transfer and tamper-proof alibi storage
- Remote diagnostics for easy upgrades and service
- Graphical user interface for quick access to statistics and reports
- Flexible system design for ease of integration
- Rugged and dust protected for tough industrial use
- Quick and easy replacement

| MID Specifications | CSN950 Dimensioner | CSN950 MultiHead |
|---|---|---|
| Speed | < 3.3 m/s | Belt width up to 900 mm: 3.3 m/s<br>Belt width 900 - 1600 mm: 2.0 m/s |
| Min. size (L x W x H) | 50 x 50 x 20 mm | |
| Max. size (L x W x H) | 4000 x 900 x 900 mm | Belt width 900 - 600 mm: 4000 x 1600 x 1200 mm<br>Belt width up to 900 mm: 2000 x 920 x 1200 mm |
| Certified scale value (d) | d=2 mm height, d=5 mm length & width | |
| Accuracy (L x W x H) | 5 x 5 x 2 mm | |
| Conveyor type | Flat conveyor belt | |
| Rectangular shapes | Singulated flow, non-touching<br>Non-singulated, non-touching<br>Non-singulated, touching | |
| Irregular shapes | | Singulated flow, non-touching<br>Non-singulated, non-touching |
| Speed | Variable speed, measures down to 0 m/s | |
| Display | CS2200, OctoCSM (VGA) AMS viewer | |
| Sealing | Electronic sealing | |

**Worldwide Approvals**
Wherever you are in the world, global Weights and Measures approvals ensure that measurements used for invoicing are accurate, repeatable and legal-for-trade.

- OIML R129
- MID 2004/22/EG
- NTEP
- Measurement Canada

| Enclosure / Operating Environment | |
|---|---|
| Housing material | Aluminium |
| Operating temperature | -10 to +50°C, Start condition 0°C |
| Humidity | Up to 100%, non-condensing |
| Level | -2000m / NN Indoors |
| Aperture angle | 82° |
| Power | 24 VDC ±15% |
| Power consumption | 40 W |
| Fuse | ATO/FKS 4A |
| Product dimensions (L x W x H) | 12 x 41 x 26 cm |
| Weight | 9 kg |

| Regulatory Compliance / Approvals | |
|---|---|
| Light Source | Laser diode, red, wavelength 660 nm |
| Laser | Class II (2) |
| OIML | R129 Compliant |
| **Data Interfaces** | |
| Oper | DVI-I, 4 x USB, 2 x Ethernet, Tacho In, Tacho Out, Serial, Binary I/O |




**METTLER TOLEDO Group**
Industrial Division
Local contact: www.mt.com/contacts

**www.mt.com/CSN950**
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Subject to technical changes
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MarCom Industrial

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