



## For when size matters: DWS510-Static

The new compact system for static dimensioning, weighing and identification

For the complete data capture of volume, weight and bar code information of freight for the courier-, freight-, and parcel industry (CEP) as well as for retail and warehousing, SICK developed the new DWS510-Static Dimensioning Weighing Scanning System.

By simply pushing the scan button of the hand-held scanner, the DWS510-Static measures dimensions and weight of the parcel lying on the integrated roller conveyor. This data can be used for invoicing freight

charges or it can be used in ERP systems to create freight documents automatically. The system consists of the well-known dimensioning system VMS510, a robust static scale and a hand-held bar code scanner which are all integrated into a robust steel frame.

The commissioning of the DWS510-Static takes only a few minutes and the complete system is of course legal-for-trade approved according to the regulations OIML and MID.

Simply. Better.



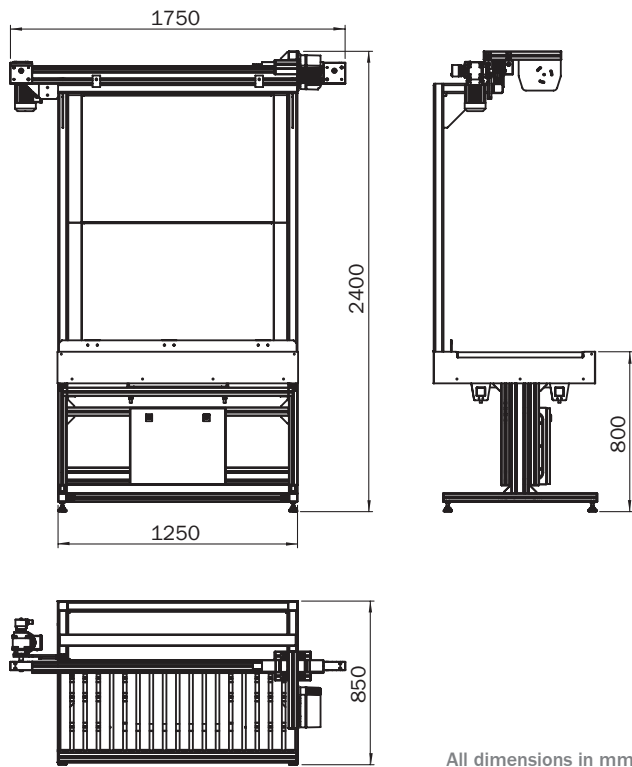
### The DWS510-Static at a glance:

- Dimensioning, weighing and identification data at the push of a button
- Complete solution with integrated frame and roller conveyor
- Commissioning within a few minutes
- Legal-for-trade approved (OIML and MID)

## Technical data

Type	DWS510-Static
Accuracy	Dimensioning: $\pm 5$ mm Weighing: $\pm 20$ g (optional: $\pm 10$ g)
Maximum object size (LxWxH)	1,000 x 700 x 700 mm <sup>3</sup> larger dimensions on request
Minimum object size (LxWxH)	50 x 50 x 50 mm <sup>3</sup> Smaller object sizes for non-legal-for-trade applications possible
Maximum weight	60 kg (optional: 30 kg)
Minimum weight	0.1 kg
Barcode Identification	IT3800i: robust industrial Hand-held Scanner for all common 1D bar codes, maximum reading distance up to 2.1 m, minimum resolution 0.19 mm. Other hand-held scanners on request
Throughput	Approx. 500 objects per hour
Measuring time	Approx 1.5 s/ object
Object shape	Rectangular, manual feeding
Legal for trade approvals	OIML and MID
Frame	Solid powder-coated steel tubing
Dimensions of the integrated roller conveyor	Length: 1,250 mm, Width: 650 mm Height above floor: adjustable from 700 mm to 950 mm (in steps of 50 mm)
Visualisation	Matrix display (5.7") Visualisation of measurement values, bar code content and system status
Power supply voltage	100 to 230 V AC, 50/60 Hz, max. 2 A
Operating temperature	0 °C to +40 °C, non-condensing
Laser class	Class 2 (eye-safe)
Data interfaces	RS 232/RS 422; Ethernet TCP/IP, PROFIBUS DP

## Dimensional drawing



A cooperation with

