

The WZV-SE series

OEM weigh cells



OEM weigh cells

WZV1.5SE

Outstanding features:

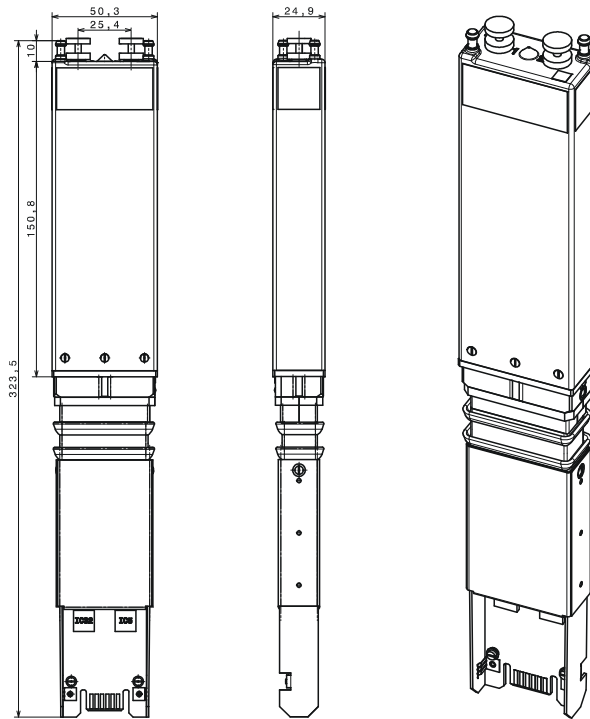
The weigh cell consists of two independent semi-micro weighing systems, based on electromagnetic force compensation.

- Reduced footprint (approx. 13 cm²) by vertical design
- Plug-in feature of weigh cells supports easy serviceability.
- High level of parallelization by arrangement of multiple weigh cells in a linear or matrix orientation
- Weighing data is available via two RS485 interface ports
- A data rate of 25 values per second

Model WZV...	1.5SE
Capacity	1 g
Readability	0.01 mg



WZV1.5-SE
Dimensions in mm



Technical Data

Model	WZV1.5SE
Capacity	1 g
Readability	0.01 mg
Preload min./ Weighing pan weight max. ¹⁾	5 g
Repeatability (standard deviation) ²⁾	≤± 0.05 mg
Linearity	≤± 0.1 mg
Measuring time ^{2) 3)}	6 s
Operating temperature range	+20 +25 °C
Humidity	45-50% rH
Weigh cell dimension	50.3 x 24.9 x 323.5mm (base x height)
Load receptor	36 mm Ø
Power supply	+9 V / -9V (15-30 mA) / + 6V (60-90 mA)
Data transfer rate	25 1/s
Interface	RS485 point to point

Options / Accessories

Windows configuration software for test and adjustment	YAD01IS H85
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Sartorius Weighing Technology GmbH
Weender Landstrasse 94-108
37075 Goettingen, Germany

Phone +49.551.308.0
Fax : +49.551.308.3502

info.mechatronics@sartorius.com
www.sartorius-mechatronics.com

- 1) the preload can be configured by using the YAD01IS H85 software; higher preload will reduce the weighing range
- 2) depending on measurement equipment set-up and conditions;
- 3) measuring time is the time in which the measured value is in the given range around the static end value; test weight is approx. 25% of the weighing range.

Specifications are subject to change without notice.

Current status: July 2011
Version: 2.0