



## Bench Scales

Eilersen bench scales are used in tough environments with overloads, vibrations, high humidity and corrosion where high accuracies are required. The bench scales are maintenance-free and fulfil the protection degree IP68. Eilersen bench scales are also available with automatic compensation for seaway

<b>Type:</b>	Bench Scale
<b>Capacity (Emax):</b>	Up to 500kg
<b>Overload Tolerance:</b>	Up to 1000%
<b>Options:</b>	<ul style="list-style-type: none"> <li>Specific dimensions, range and materials</li> <li>Local indicator and/or direct interface to PC, PLC or SCADA systems</li> <li>Certified versions for legal for trade</li> <li>Compensation for seaway</li> </ul>

- Made in Denmark
  - Accuracy Dimensions, range and materials (e.g. AISI304 or 316, epoxy coating etc.) according to customer specifications
  - Robust capacitive technology
  - Patented high reliability capacitive sensor (IP68)
  - High tolerance of up to 1000% overload
  - High accuracy and high resolution
  - Digital filters for reducing the influence from vibrations
  - Cable length up to 100meters
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- Scale calibration is independent of cable length
  - A range of software modules for standard weighing, special purposes, and customer specific applications
  - The status of each load cell in the scale can be monitored allowing for easy maintenance
  - Local indicator and/or direct EtherNet/IP, PROFINET, EtherCAT, Modbus TCP/IP, Profibus DP, DeviceNet, RS485, 4-20mA, or 0-10Vdc interface
  - Eilersen bench scales are also available with automatic compensation for seaway

## Eilersen Robust Scales



### Scales Dimensions According to customer specifications



Parameter	Unit	Specification
Dimensions	mm	According to customer requirements
Rated capacity (E <sub>max</sub> )	kg	According to customer requirements
Safe overload limit	% of E <sub>max</sub>	Up to 1000 (10 times rated capacity)
Accuracy	div	Up to 10000 scale divisions
Resolution	% of E <sub>max</sub>	up to 0.001
Protection		IP68
Material		Stainless steel AISI304 or 316
Maximum load cell cable length	m	100
Power Supply	V	24Vdc ±5% up to 230VAC
Interface options		EtherNet/IP, PROFINET, EtherCAT, Modbus TCP/IP, Profibus DP, DeviceNet, RS485, 4-20mA, 0-10Vdc
Indicator		With or without local indicator
Certified legal for trade		Optional
ATEX		Optional ATEX zone 1, 2, 21 and 22

- Robust accurate bench scales for industrial applications
- Specific dimensions, range and materials
- Local indicator and/or direct interface to PC, PLC or SCADA systems
- Certified versions for legal for trade
- Compensation for seaway