Checklist for industrial products

Thank you for your interest in our products.
In order to be able to offer you the most suitable model, we would like to ask you to answer the following questions in advance.

1) What type/design of industrial scale do you need and what platform size is required?

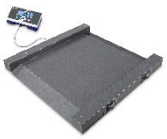
☐ Platform Scale

W×D in mm

☐ Floor Scale

W×D in mm

☐ Drive-through Scale



W×D in mm

☐ Pallet Scale

W×D in mm

☐ Weighing beam

W×D in mm

2) What is the maximum load to be weighed? kg

3) What should be the smallest possible readable unit: g

4) Is the scale to be used in a hazardous area?

☐ No

☐ Yes, the scales are used in the following Ex zone:

☐ Zone 0 ☐ Zone 20 ☐ Zone 1 ☐ Zone 21 ☐ Zone 2 ☐ Zone 22

5) Does the scale require a conformity assessment (verification)?

Verification, now known as "conformity assessment", is the official verification of the accuracy of weights, measures, scales and measuring instruments in accordance with the Weights and Measures Act.
Verification is prescribed by the state and serves to protect consumers.
Weighing is prescribed by the state if the price of a product is determined by ercial transactions).

☐ Yes
☐ No

6) Does the scale require accredited calibration?

Every scale only delivers correct results if it is regularly checked, i.e. correctly calibrated and adjusted if necessary. Only through documented calibration does a scale become a reliable measuring and testing device. The accredited calibration certificates issued are proof of metrological traceability to national or international standards, as required by the DIN EN ISO 9000 family of standards and DIN EN ISO/IEC 17025, among others.
Our tip: If your company is audited according to a QM system, we recommend the accredited calibration certificate for maximum standardisation reliability.

☐ Yes
☐ No

7) What material should the scales be made of?

☐ Stainless steel ☐ Painted steel

8) Is the scale used for piece counting?

☐ No
☐ Yes, but mainly for simple weighing — Weight of the lightest part to be counted
☐ Yes, only for piece counting — Weight of the lightest part to be counted

9) Mandatory information for processing:

What/what object is being weighed?

Please describe the exact process:

What is the aim of the application in which the scale is used?

How long does a weighing take?

☐ < 5 minutes

☐ The object loads the scale for the following period:

☐ The scale is continuously loaded

For filling processes / weighing liquids:

☐ It is filled continuously from the start

☐ It is filled at the following intervals:

Weight: per time interval:

10) Do you need IP protection?

☐ IP 65 (protection against dust and water jets)
☐ IP 67 (protection against dust and short-term immersion (max. 1 metre)
☐ IP 68 (protection against dust and submersion (> 1 metre for approx. 30 minutes)

11) Should the scale be connected to an ERP/CRM system (merchandise management)?

☐ No
☐ Yes, the weighing values should be documented in the following form:

12) Do you need any of the following interfaces?

- ☐ RS 232
- ☐ USB-Device
- ☐ Ethernet / LAN
- ☐ WIFI
- ☐ Bluetooth
- ☐ Analogue module 4-20 mA
- ☐ Profi-Net

13) Do you need any accessories?

- ☐ Tripod
- ☐ Rechargeable battery
- ☐ Battery
- ☐ Access ramp
- ☐ Pit frame
- ☐ Signal lamp
- ☐ Printer
- ☐ Software
- ☐ Roller conveyor

14) Other requirements / remarks:

15) Contact details

Company:

Contact person:

E-Mail:

Telephone:

Please send us the completed checklist with your requirements:

scales@kern-sohn.com

click here