Fact Sheet
iS30-Ex

BIZERBA

The iS30-Ex offers you more freedom in Ex zones. Flexible in use and location this compact weighing terminal also impresses in terms of ease of use. An example: Optimal view with the large full graphic display. The broad range of interfaces and software programs guarantees efficient production processes and a constantly high product quality. Safe, precise and reliable.

More information
High performance with a wide range of solutions and options.

Specifications	Facts	Details
Housing	Front: Plastic	Polyamide glass fiber reinforced
	Housing: Stainless steel	1.4301
	Wall / table mounting	
	VESA 100 mounting option	
Dimensions	W x H x T	
	300 x 230 x 99 mm	Without table-top/wall mounting
	345 x 267 x 150 mm	With table-top/wall mounting
Auxiliary power, integrated power supply	Mains supply 120 - 240 V	50 / 60 Hz
	24 V AC / DC	
	24 V DC, rechargeable battery	
IP rating	IP65	according to DIN 40050 (EN 60529)
Ambient temperature	-10 °C to +40 °C	Operation metrologically approved
	-20 °C to +60 °C	Storage / transport:
Display	Size 5.7"	Full graphic TFT display with white LED back-lighting
	Resolution 320 x 240 px	
	Display field 115 x 86 mm	
Membrane keyboard with a total of 39 keys	– Six keys for basic weighing functions	– Info, zero setting, tare, delete tare, recording and manual tare
	– Four function keys with two arrow keys	– Functions can be freely assigned
	– Four application keys	– Input of process data
	– Numeric keypad for alphanumeric input	– With keys C, decimal point, shift key and Enter
	– Navigation keys	– With keys OK, ESC and quick access
	– Stand-by key	– Weighing terminal ON/OFF button
	– Switch key for scale	– Switching between scale 1 and 2
Standard interfaces	ETHERNET	Increased safety
	WLAN	For service purposes (adjust configuration)
Scale interface	Weighing module 1	Analog digital converter for strain gauge load cells
ES for verified application	Metrologically approved data storage Basic	Including SD card
Application programs	Basic software weighing	More software programs optionally available
ATEX identification	⟨Ex⟩ Ex II 2G	Gas
	⟨Ex⟩ Ex II 2D	Dust
Normative labeling	Ex eb ib [ib] mb IIC T4 Gb	Gas
	Ex tb [ib] IIIC T80°C Db	Dust

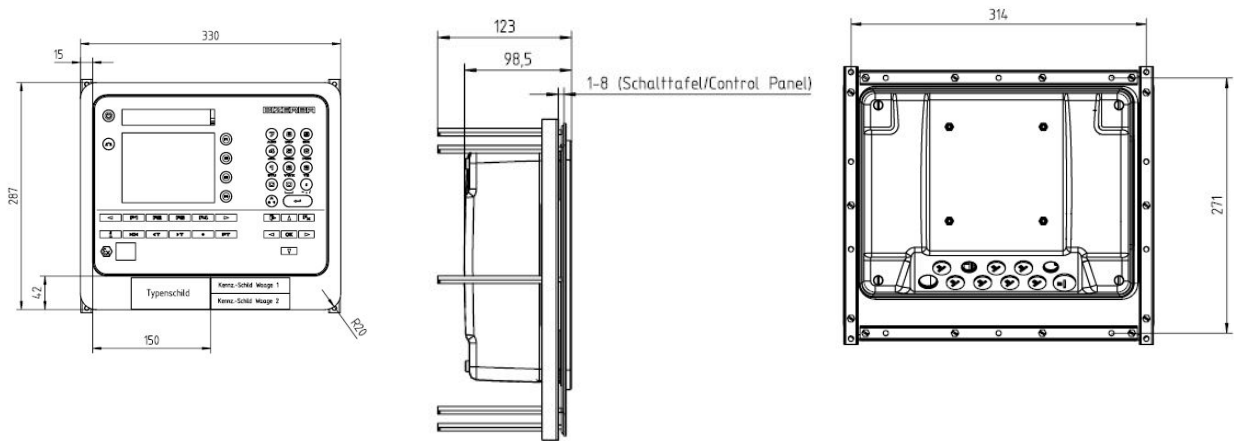| Options	Facts	Details
Optional interfaces	Scanner interface RS232	Max. 5 V, intrinsically safe
	TTY	Intrinsically safe
	Profibus-DP	Intrinsically safe
	Analog output	Only power output, intrinsically safe
	I/O (4/4) to I/O (16/16)	Intrinsically safe
Second scale interface	Weighing module 2	Analog digital converter for strain gauge load cells
ES for verified application	Metrologically approved data storage Basic	Including SD card
Program licenses	Counting	SW program counting
	Tolerance control	SW program tolerance control
	Statistics	SW program statistics
	Dosing	SW program single-component dosing/filling
	Recording database	For EDP
	Data input devices	Connection volume measuring device, scanner, etc.
	Data output devices	Connection of printer, remote display, etc.
	Field bus	Profibus-DP
Power cable	3 m	
	Variable length	
	Customer side	Parts kit
Rechargeable battery	Battery box BK-Ex 24 V, capacity 10 Ah	Stainless steel housing with handle
		IP65 protection
		Connection via flange connector
		Operating time approx. 10-30 hours, depending on configuration level
Charger	Charger for 24 V battery box	Power supply 220/240 V, 50 Hz
		24 V with European standard size plug
		IP20 protection
Battery holder	Stainless steel version	
Measuring cable	Variable lengths	For connection of a load receptor
Data and control cables	Various data and control cables	3 m, 6 m, 10 m or running meter
Control panel installation	Installation variant in control panel	W x H x T
	Stainless steel 1.4301	266 x 173 x 86.7 mm
	IP65 protection	
Column	Stainless steel	1.4301
Protective hood	Transparent protective cover	For table / wall mounting only

Symbols

Ex zone   IP rating   WLAN

Dimensional drawings

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