



# Intrinsically-Safe Barcode Handscanner SC 900-Ex



This mobile unit for barcode data processing with its simple design and robust construction is ideal for use in Ex-hazardous areas.

Compatible with almost all barcodes used, this device can scan from a distance of up to 38 cm – with its size allowing even the most awkwardly of positioned barcodes to be easily accessed.

### Simple Operation

Operation is easy and simple. With the light scan beam the barcode is located, read and a signal confirms successful data capture. With the IrDA interface, received data can then be downloaded to a PC for processing, analysing and monitoring.

### Exact records

The integral clock and calendar means that every data capture can be accurately documented. It is therefore possible to provide a record and checkpoint for critical safety components by utilising barcodes and the SC 900-Ex scanner. The LCD display and keypad also gives the possibility of bidirectional data transmission.

### Applications

With the SC 900-Ex the vast majority of barcodes in use today can be read and processed. This means that the uses of the equipment are wide ranging – from the recording of items, components and machines to manual recording systems or container specific data memory.

With a standard operating system it is possible for the barcode scanner, with its explosion protection, to be adapted to exact individual needs and therefore, even in hazardous areas, comprehensive mobile data capture is now possible.

### Technical data:

Processor:	32-Bit RISC CPU
Memory:	8 MB RAM
LCD-display:	128 x 64 pixels with background lighting and variably adjustable character sizes.
Keyboard:	26 operation buttons
Laser:	Semi-conductor Laser
Resolution:	0,15 mm
Scan frequency:	max. 150 Scans/sec.
Maximum Scanning Distance:	~ 38 cm
Interface:	IrDA Ver. 1,2
Battery type:	2 x LR6/AA
Operating time:	~ 100 hours
Working temperature range:	-5°C...+40°C
Storage temperature range:	-20°C...+55°C
Weight:	~ 250 g
Dimensions:	69 x 173 x 32 mm

**Handheld barcode scanner for electronic data processing and data administration in Ex-hazardous areas.**

- high accuracy
- simple operation
- quick response time
- timing function
- LCD-Display

### Ex-data:

Ex designation:  
Ⓔ II 2 G EEx ia IICT4

EC-Certificate of conformity:  
TÜV 00 ATEX 1568 X

### Standard delivery:

SC 900-Ex incl. leather case, battery and Demosoftware (english)

### Accessories:

Communication set Cradle DT 960 IO incl. AC/DC Adapter DT 9020 ADP-G, RS-232 cable Dt-787 AX  
Unit-to-unit cable DT-788 RSC



### Barcode Compatibility:

- EAN
- JAN
- UPC
- WPC
- NW-7
- IATA
- ITF
- Code 39
- Code 93
- Code 128
- MSI
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