



Intrinsically-Safe Mobile Phone ME 45-Ex



With a shock resistant rubber casing the ME 45-Ex is designed to withstand the rigours of use in Ex-hazardous areas.

A special coating on the keypad and sealing in the battery compartment provide additional protection against the ingress of water spillages and dust.

The extensive features and functions of the ME 45-Ex are quickly and easily accessed via the large, high resolution graphical amber coloured display.

With GPRS data transmission and the WAP 1.2 browser facility, information can be quickly accessed and utilised. Supported by "Intelligent Typing" (T9) and easy synchronisation with PC based organisers (MS Outlook™) management of address and organizer information is simple.

A robust, yet stylish and slim design combined with high functionality, makes this mobile phone equally and ideally suitable for use either outside on site, or in the office and laboratory.

The dual band ME 45-Ex with GPRS offers outstanding performance and functionality from a compact and robust device - making it ideal for use in work environments where an explosion protected mobile phone is required.

Ex-data:

Ex-designation:
Ⓜ II 3G EEx nCL IIC T6

EC Certificate of Conformity:
ZELM 02 ATEX 3119

Standard delivery:

- ME 45-Ex (supplied without SIM card)
- Battery charger - UK Pin

Accessories:

- Replacement Battery
- Battery charger - Euro Pin
- Headset PTT
- Desktop charging station

- Robust - dustproof and water resistant
- Headset and Handsfree modes
- Voice activated dialing and memo
- Data and fax modem
- Infrared interface (IrDA)
- Intelligent typing (T9)
- Large high resolution display
- Address book and organizer
- Synchronisation with MS Outlook™

The ME 45-Ex is ideal for those who have to work in Ex-hazardous areas classified as Zone 2. With the added choice of either using the "Handsfree" mode or by utilising the optional Headset accessory - safe and effective communication in the work place is further enhanced.

Technical specification:

GSM class	4 (2 Watt)
Frequency	880 – 960 MHz
GSM class	1 (1 Watt)
Frequency	1.710 – 1.880 MHz
Display	7 line, high resolution, amber coloured
Operating temperature range	-10°C ... 55°C
Stand-by time	max. 300 hours
Talk time	max. 6 hours
Power supply	Ex-AMH Z2 (Li-Ion [840 mAh])
Power output	3,6 Volt
Charging time (for 100% capacity)	approx 2 hours
Antenna	Integrated
Dimensions	109 x 46 x 21 mm (volume 76 ccm)
Weight	approx 99g
IP protection rating	IP 54

