



ICU – the Electronic Control Unit for Breathing Apparatus

[Proven safety for firefighters]

MSA

With the ICU, the Integrated Control Unit, an electronic Personal Alert Safety System [PASS] for MSA compressed air breathing apparatus series BD 88, BD 96 and AirMaXX, your safety is always assured. This alarm system continually monitors the following:

- Pressure
- Motion
- Temperature
- Remaining service time
- Battery capacity

The ICU replaces the simple standard pressure gauge but incorporates a gauge in addition to the electronic features.

Furthermore, the ICU has a motion sensor which gives alarm if the user is motionless thus facilitating locating and helping the fire fighter.



[The advantages of the ICU]

- Electronic control unit with pressure sensor and mechanical pressure gauge [back up system]
- Automatic activation when opening compressed air cylinder
- Indication of proper functioning by LEDs
- Illuminated display on inquiry, e.g. remaining service time, pressure alarming
- Audible alarm with varying sound patterns at pressure levels of:
150 bar 100 bar 60 bar
- Additional visible alarm [LEDs] from 60 bar down
- Indication of dropping pressure by graphic symbol
- Indication of cylinder pressure on luminous analog pressure gauge
- Retreat time can be programmed
- Audible warning at temperature increase
- Battery capacity indication and audible warning of low battery
- Integral motion sensor
- Flashing LED and audible alarm at motion stand-still
- Button for manual alarm in emergencies
- Data storage of information for up to 30 hours of use duration
- User-friendly readout software for PC
- Flexible alarm point setting via software
- Standard interface to PC
- Key can be retrofitted as an option

[Technical Data]

Dimensions:

145 x 62 x 45 mm
[height x width x depth]

Weight: 300 g

Assembly: with spanner wrench
14 mm

[Part numbers]

D4090700 ICU [BD 96, AirMaXX]

10015067 ICU [BD 88]

10016231 ICU with key
[BD 96, AirMaXX]

10016230 ICU with key [BD 88]

D4090803 Key

10016232 Readout with software

**INTEGRATED
I SEE YOU
CONTROL UNIT**

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