

Electronic Stethoscope 200I C/K (NSN 1385-12-319-0402)

Art.No. 4800200

The electronic stethoscope was designed for the field of EOD/IEDD. It is a support tool for bomb disposal technicians, personal protectors (VIP) and anti terror units from police and military. It supports the detection of weak sound waves travelling through packing material, housings of containers and similar solid material. The detected signals are amplified, processed and send as audible sound to the headset. The non-contact sensors detect high frequency emissions, oscillating components of conductive character and magnetic pulses from electronic timing devices. The hf non-contact sensors operate on a high frequency method and penetrates dielectric packing material such as i.e. wood, plastic, paper or brickwork. Alternatively the conventional impact sound (contact) transducer can be applied. Detected signals are transduced into an electric voltage and fed to an amplifier with adjustable filters where listening result can be optimised for a selective perception of wanted signals. The device is easy to operate and controls are limited to an ON/OFF switch, a calibrator for pitch and a calibrator for gain.



The200I® C/K can operate on rechargeable batteries. The complete equipment is splash waterproof, shock proof and comes in a transit & storage case with specific liner.

The 200I C/K consists of the following components:

- electronic box with control
- coaxial connection cable
- headset with connection cable
- non-contact sensor hf
- impact sound sensor
- non contact sensor hf & magnetic
- battery charger
- operation manual
- transit & storage case



TECHNICAL DATA:**POWER SUPPLY:**

amplifier
operating time
charging time + current
non contact head hf
operating time
charging time + current

1 piece 9 V block battery IEC 6 LR 61
approx. 20 h,
approx. 10-14h, with 1160-100 mA
rechargeable NiMH battery
approx. 6h at 20°C
approx. 10-14h, with 60-100 mA

DIMENSIONS:

amplifier
non contact sensor (magnetic pulse)
non contact head (hf)
impact sound transducer
transit & storage case
frequency (band pass)
amplification
temperature range

205 mm x 115 mm
200 mm x ø 30 mm
240 mm x 95 mm (without handle)
ø 45 x 85 mm
approx. 630 x 350 x 175 mm
approx. 1 - 5,5 kHz
approx. 115dB (700.000) at 4 kHz
- 15° to + 55° C

WEIGHT:

complete with accessories
amplifier
impact sound transducer
contactless hf search head
connection cable to reel
contact pin
battery charger
headset
1 m connection cable
cable reel, per 100m ext. cable

approx. 14 kg
approx. 0,6 kg
approx. 0,3 kg
approx. 1,1 kg
approx. 0,2 kg
approx. 0,1 kg
approx. 0,16 kg
approx. 0,25 kg
approx. 60 g
approx. 2,5 kg

Subject to change without notice!