



DETECTOR

EBEX® 422 GC

Applications

Handheld
Handheld

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The EBEX® 422 GC represents the top of the range version of the 420 series providing enhanced detection sensitivity and extended detection range. It offers a dynamic and a static operation mode to match different working conditions. Reliable high detection performance relates to equipment which achieves a safe, pinpoint detection of targets under adverse conditions and which produces a large number of screened square metres. EBEX® 422 GC meets these requirements. Procurement cost is low when seen in conjunction with the exceptionally long service life cycle of the equipment and its versatility in Demining and BAC.

Working characteristics

The EBINGER PI technology permits an audible distinction of the object character and a precise pin-pointing of targets. Objects such as an A/P 72a, M14 or SB33 will cause audio alarms which are different from those caused by iron fragments or mortars (rising/dropping frequency). This allows a high resolution of the targets even if buried at close distance to each other. The excellent wide-band compensation technology of EBEX® 422 GC prevails its exceptional advantages on very adverse soil when soil decomposition, high magnetic susceptibility and a strong soil conductivity are encountered. South Laos or Jaffna / Sri Lanka are just typical examples.

Radio, audio, visual, sensitivity data

Audio output	Yes; also indicates low battery
Sensitive adjustment	1
Ground balance	1
Ground balance information	The wide-band compensation technology of EBEX® 422 GC prevails its advantages on most adverse soils when soil decomposition, high magnetic susceptibility and a strong soil conductivity of < 8000 S/m combined.

Power supply data

Battery	8 dry batteries C-cell 1,5 V (IEC no. LR14); or rechargeable 8 NiMH C-cells 1,2 V / 4500 mA; or rechargeable N-iMH 9,6 V / 3,8 Ah battery pack
Low battery alert	1
Low battery alert information	via audio alarm
Rechargeable	1
Operating time	20 hours
Operating time information	dry batteries LR14 approx. 20 h; NiMH C-cells, rechargeable approx. 15 h; battery pack, rechargeable approx. 12 h
Battery charger information	Available for the Ni-MH rechargeable battery solutions

Dimensional data

Length	1000 mm
Weight	2.2 kg
Search head size	230 mm
Shape	Round standard head; oval head for UXO search
Transport case provided	1
Transport case weight	8.5 kg
Transport case weight info	incl. all equipment in case

Factory support data

Factory support	A worldwide service network ensures permanent availability of spare parts. Operation and maintenance training is provided at Ebinger facilities or on site. Additional factory support by specially trained staff is provided on request.
Warranty	1 year warranty included. Ebinger offers prolongation
Temperature limitations	Operation in approx. -25° to +55° C

Price

Reduction for higher quantity	Please get in contact for a personalized offer.
Possible to rent	1
Price for training	Please get in contact for a personalized offer.

Other

Additional equipment	Optional accessories include an oval UXO search head 420 x 280 mm, a headset, handgrip and armrest, and battery chargers.
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Other information

NATO Stock Number 6665-12-372-8248

Images

