

Metal Detector

vallon.de

# MB1710A



Detector for Postal Inspection

*Searching with Excellence*



# MB1710A – Metal Detector for Letters and Small Packages

## Detector for Postal Inspection

The metal detector MB1710A has been developed especially for detecting explosive devices that contain metal and parts of ignition devices in letters and small packages. As a result, it ensures a high level of safety for people potentially at risk as part of receiving and delivering these shipments. This is particularly apt for mail centers, embassies, correctional facilities and other high-security facilities.

Another advantage of the MB1710A is its range of use: The option to remove the side guide strips allows for the examination of larger letters and packages as well.

- ✓ Optimized for letters and small packages
- ✓ High detection sensitivity
- ✓ Visual and audio alarm signal
- ✓ Easy operation
- ✓ Stepless adjustment of detection sensitivity
- ✓ AC power and Battery



# MB1710A – Data Sheet

## Technical Data and Features

### TECHNICAL DATA

<b>Sensor</b>	Active search coil: 28 x 25 cm (11.02 x 9.80 in)
<b>Alarm signal</b>	Visual (LED) / Audio
<b>Watertight</b>	no
<b>Dimensions*</b>	Detector length: 42 cm (15.53 in) <i>*Dimension specifications ± 3 %</i>
<b>Weight*</b>	Quality standard: DIN EN ISO Security standard: In accordance with VDE 0848 Part 4, A3 Field strength: In accordance with VDE 0848 Part 4, A2 EMC: In accordance with EN 61000-6-1:2001 and EN 61000-6-3:2001
<b>Ambient temperature</b>	0°C – 40°C (32°F – 104°F)
<b>Storage temperature</b>	0°C – 40°C (32°F – 104°F)
<b>Disposable/ rechargeable battery</b>	Detector with standard battery: 4.5 kg (9.9 lbs.) <i>*Weight specifications ± 10 %</i>
<b>Disposable/rechargeable battery operating time*</b>	100-240V AC, 50-60Hz (Mains operation) 2 x 6F22 9 V alkaline battery pack – Standard 2 x 6F22 9 V NiMH rechargeable battery pack, 200 mAh
<b>Batterie-/Akkulaufzeit*</b>	Service life with rechargeable battery: 2 h <i>*Ambient temperature of about 20 °C, 6F22: NiMH rechargeable battery</i>

# Scope of delivery MB1710A

Basic package | Item No. 2000520002



**Metal Detector MB1710A**  
Item No. 2000520002



**Power cable**  
Item No. 5900002002



**Operation manual MB1710A**  
Item No. 2900520013

# VALLON – A strong Partner

## Experience is irreplaceable

As a family-run business from Eningen in Germany we became a global player within the field of explosive ordnance detection and the assessment of contaminated sites. All our activities focus on providing our customers with the best product for the respective application.

### ✓ GUIDANCE

From the initial contact to the selection of the optimal detector system and to the point of the professional start of operation – VALLON accompanies the complete process and supports you in a competent and professional manner.

### ✓ SOFTWARE

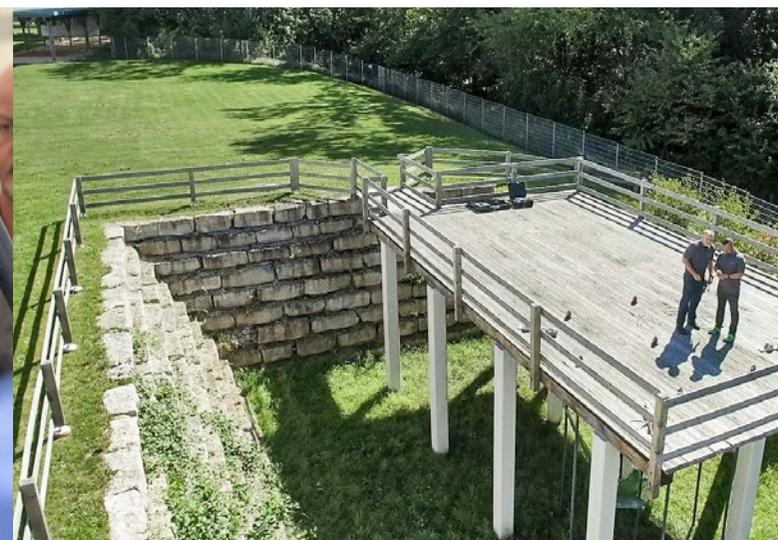
With the EVA4mobile® and the EVA4ALL® VALLON offers powerful software for data acquisition, evaluation and documentation. The firmware of VALLONs fourth generation of metal detectors is subject to continuous further development and can be adapted to satisfy specific customer requirements.

### ✓ DETECTORS

Our product portfolio includes efficient solutions for detecting mines, improvised explosive devices (IEDs) and unexploded ordnance (UXO) – for the use on land, underwater and in boreholes.

### ✓ TRAINING

In order to optimally prepare the user for their daily work VALLON offers custom-tailored training. The training courses can take place upon agreement on site or directly at VALLON in Eningen, Germany.





## THE PATH TO BECOMING A GLOBAL PLAYER

Crime and security were added to agriculture, forest management, and contamination detection as areas of application for VALLON products. As of 1976, special metal detectors met the demand from the state and the police. In 1977, Gerhard Vallon became the managing director of his father's company. He recognized and seized the opportunities inherent in globalization early on, attending international trade shows and establishing the global sales network that would later become a key pillar of the family-run company's continued success.

Learn more under  
[www.vallon.de/en/history](http://www.vallon.de/en/history)



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