

TECHNICAL INFORMATION

MAGNEX® 120 LW 5-channel magnetometer system



Updates and Upgrades on the original EBINGER MAGNEX® 120 LW 5-channel system



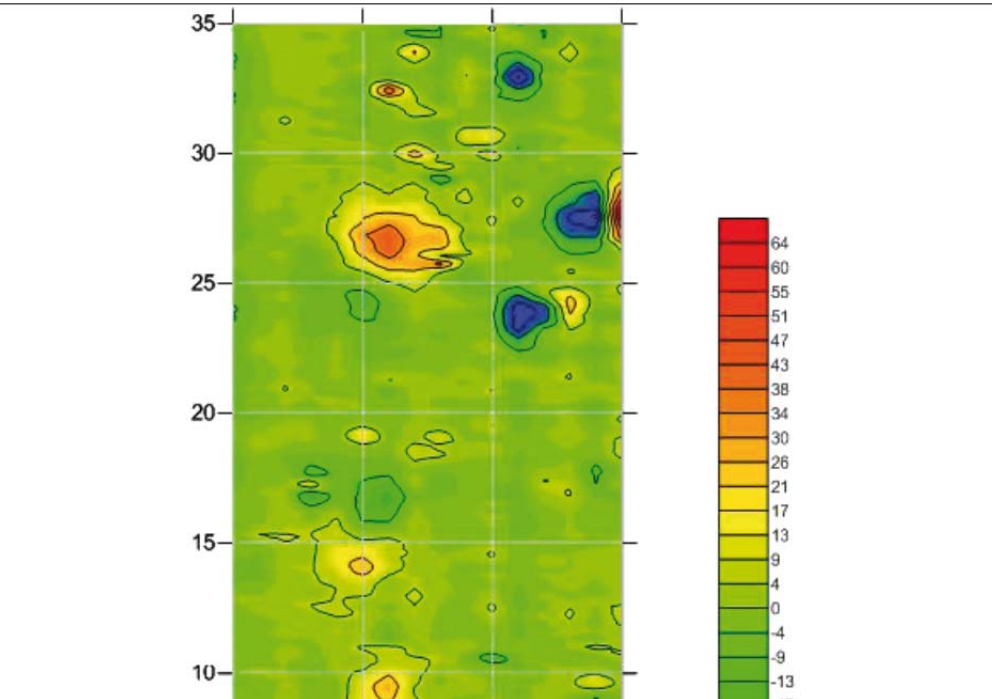
- NEW lightweight lithium ion battery technology
- Optional UPGRADE of MAGNEX® probes
- Digital geophysical mapping (with GPS) and EPAS® – GPS Software
- One-man operation
- From 3- to 5-channel expandable in just two steps
- Flexible probe distance (variable track width)
- Probe height adjustable over ground
- Ergonomic, lightweight and rugged design, for use in difficult terrain
- Various wheels
- Expendable with GPS system and integrated GPS antenna holder
- Improved data quality


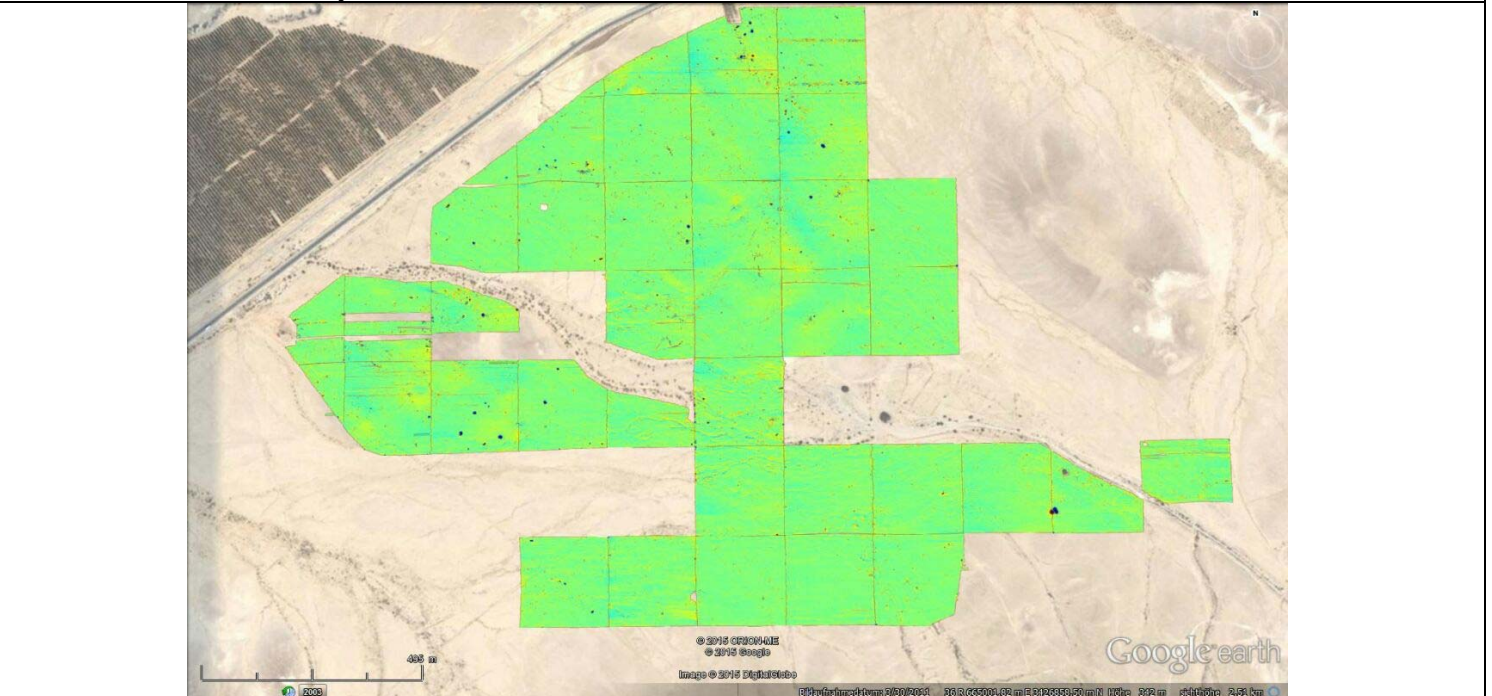


For improved productivity and enhanced data quality EBINGER offers MAGNEX® 120 multi-system for digital surveys. The wheeled system TR01-05 offers space for 5 probes. Probe distance and height over the ground can be adjusted accordingly. Various wheels offer the use in difficult terrain.

1. LISTING OF ALL SEARCH FRAMES IN DIFFERENT CONFIGURATIONS
NEW improved light weight frame

Pos.	Dimension	Photo
1.	<p>5-channel system with DGPS</p>	
2.	<p>3-channel system with DGPS</p>	

<p>3.</p>	<p>5-channel system with DGPS</p>	
<p>4.</p>	<p>Trimble DGPS</p>	
<p>5.</p>	<p>EPAS®-GPS Software</p>	



<p>6.</p> <p>EPAS-GPS</p>	
<p>6.1</p> <p>Direct export into Google earth or other GIS Software</p>	<p>Digital geophysical mapping (DGM) is commonly used to accurately locate, identify, and select metallic anomalies that may be unexploded ordnance (UXO). Modes of DGM include ground-based and optional airborne platforms with multiple sensor arrays and man-portable single sensor systems. Typically, the MAGNEX/EPAD data recording systems are linked to global positioning systems (GPS) to accurately record the location of detected anomalies. Subsequently, the data are processed to provide an anomaly location map, target anomaly list, and the measured geophysical signal amplitude for each anomaly. These results are then used by UXO Explosive Ordnance Disposal (EOD) specialists to locate (reacquire), investigate (dig), and remove (clear) the metallic anomaly.</p>
<p>6.2</p> <p>156 ha covered area by MAGNEX® 120 LW 5-channel system</p>	

7.	<p>Rugged PDA Windows® Mobile</p> <p>LOCAL Language</p>			
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Additional support:

- In country operation training for operators
- Service and maintenance training in country “basic service”
- Professional Service support by local partner trained by Ebinger personnel
- Spare parts availability in country

Optional Accessories:

Pos.	Ebinger Part Number	Description	quantity
16.	ELG 10 LI	<p>Product description The ELG 10 LI charger is a multi-charger for Ebinger specific Li-Ion battery packs. Ten (10) rechargeable battery packs can be charged at once.</p> <p>Main characteristics</p> <ul style="list-style-type: none"> • Rugged case • Portable • Fully automatic charging with visual charge indicator 	
19.	Hard case with professional tools	Transport hard case with professional tools for service and maintenance	

<p>20.</p>	<p>Spare parts</p>	<p>MAGNEX® 120 LW 5-channel catalogue</p>	<p>Search and locate </p> <p>MAGNEX® 120 LW Magnetic anomaly locator</p> <ul style="list-style-type: none"> ■ Detection of ferromagnetic objects ■ Normal landuse, wateruse, bore hole inspection ■ Digital survey, single or multi-channel system <p>www.ebinger.org</p>		
<p>21.</p>	<p>Service and maintenance manual in different languages: Bengali, Russian, Lao, Arabian, Vietnamese and Cambodian (Khmer)</p> <p><i>Cost benefits from field service of the MAGNEX® 120LW-5-channel in comparison to the breakdown costs of conventional detectors</i></p>	<table border="0"> <tr> <td style="vertical-align: top;"> <p>Conventional detectors</p> <ul style="list-style-type: none"> ↓ Equipment breakdown ↓ Transport to airport ↓ Air freight ↓ Repair costs ↓ Return air freight ↓ Customs delays ↓ Forwarding to field <p> Delays and loss of productivity</p> </td> <td style="vertical-align: top; padding-left: 20px;"> <p>UPEX® 740M3</p> <ul style="list-style-type: none"> ■ Equipment breakdown ✓ No transport costs and time ✓ No air freight ■ Repair costs ✓ No return air freight ✓ No customs ✓ No transport costs and time <p> Delays and loss of productivity</p> </td> </tr> </table>	<p>Conventional detectors</p> <ul style="list-style-type: none"> ↓ Equipment breakdown ↓ Transport to airport ↓ Air freight ↓ Repair costs ↓ Return air freight ↓ Customs delays ↓ Forwarding to field <p> Delays and loss of productivity</p>	<p>UPEX® 740M3</p> <ul style="list-style-type: none"> ■ Equipment breakdown ✓ No transport costs and time ✓ No air freight ■ Repair costs ✓ No return air freight ✓ No customs ✓ No transport costs and time <p> Delays and loss of productivity</p>	<p>Search and locate </p> <p>Active and passive detection and location systems for battle area clearance</p> <p>Enhanced productivity and quality in BAC</p> <p>MAGNEX® 120 LW 5-channel system</p> <ul style="list-style-type: none"> ■ From 3- to 5-channel expandable in just two steps ■ Flexible probe distance (variable track width) ■ Probe height adjustable over ground ■ Rugged design ■ For use in difficult terrain ■ Various wheels for different soils ■ Expandable with GPS system ■ Integrated GPS antenna holder ■ Improved data quality ■ Ergonomic, lightweight design <p><small>For improved productivity and enhanced data quality EBINGER offers MAGNEX® 120 multi-systems for digital surveys. The wheeled system TR01-05 offers space for 5 probes. Probe distance and height over the ground can be adjusted accordingly. Various wheels offer the use in difficult terrain.</small></p>
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