



# FG 150

### Device data

Dimensions (W × D × H)	500 × 260 × 190 mm
Weight	8.3 kg
Material	ABS (housing)

### Certificates

Certificate	CE
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### Features

Display	FSTN, 2 ", 240 × 128 pixels, LED backlight
Processor	DSP 16 bit
Control	membrane keypad with 6 keys

### Operating conditions

Operating temperature	-15 – 50 °C
Storage temperature	-15 – 50 °C
Humidity	15 – 90 % r.h., non-condensing
Protection rating	IP54 (when cover closed)
Non-permitted operating environments	in potentially explosive areas

## Power supply

Power supply	Pb battery, built-in
Operating time, minimum	2 h
Operating time, maximum	50 h
Battery power	180 Wh
Battery voltage	12 V
Charging time	< 7 h
Charging temperature	-15 – 40 °C
Charging voltage	12 V
Charging current	3.5 A
Charger	AC/DC adapter L

## Detection

Transmitting frequency	<ul style="list-style-type: none"> <li>• direct energizing: 512 Hz / 640 Hz / 1.100 kHz / 8.192 kHz / 9.950 kHz / 32.768 kHz / 41.666 kHz / 65.536 kHz / 83.078 kHz / 116.000 kHz can also be set to any frequency between 200 Hz - 116.000 kHz.</li> <li>• indirect energizing: 9.950 Hz / 41.666 kHz</li> </ul>
Transmitting power	<ul style="list-style-type: none"> <li>• with continuous signal: 25 W</li> <li>• with pulsed signal: 50 W</li> </ul>
Transmitting current	<ul style="list-style-type: none"> <li>• with continuous signal: 0.5 A</li> <li>• with pulsed signal: 1 A</li> </ul>
Transmission voltage, effective	max. 120 V

## Assignment

System components of	FERROPHON system
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