



# FG 150 C

## 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	<ul style="list-style-type: none"><li>• membrane keypad with 6 keys</li><li>• remote control</li></ul>

## Operating conditions

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

## Power supply

Power supply	Pb battery, built-in
Operating time, minimum	2 h at 25°C
Operating time, maximum	50 h at 25°C
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
Charging socket	4-pin (binder)

## Data transmission

Transmitting frequency	863 – 870 MHz
Radio range	100 m
Communication	radio
Power	10.6 dBm

## Location

Transmitting frequency	<p>electromagnetic location:</p> <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</li> </ul> <p>can also be set to any frequency between 200 Hz - 116.000 kHz.</p> <ul style="list-style-type: none"> <li>• indirect energizing: 9,950 Hz / 41,666 kHz</li> </ul> <p>acoustic location:</p> <ul style="list-style-type: none"> <li>• striker: 0.4 – 1.6 s</li> <li>• stopper: 1.0 – 1.6 s</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
signal strength	<p>length of a pulse</p> <ul style="list-style-type: none"> <li>• striker: 14 – 80 ms</li> <li>• stopper: 160 ms</li> </ul>

### Additional data

Remote control	power supply: CR 2032
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### Assignment

System components of	FERROPHON and COMBIPHON system
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For use with	<ul style="list-style-type: none"><li>• COMBIPHON striker</li><li>• COMBIPHON stopper</li></ul>
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