



## Coating Thickness Meters EASY-CHECK



- Worldwide the only pocket-sized Coating Thickness Meters with a swinging probe making it possible to measure inside pipes or in other inaccessible places. By setting the probe on the object to be measured the devices recognize by itself the base material (ferrous or non-ferrous) and shows it on the display.
- Measurement on ferrous and non-ferrous substrate without calibration. An outstanding feature is the measurement of insulating coatings on zinc-plated metal using the NFE mode.
- EASY-CHECK works with only one single battery 1.5 V up to 80 hours. A rechargeable battery 1.2 V with charger is available on request.
- Easy and comfortable operation – just one key scrolls through the whole operation menu.
- Serial interface – Data transfer by radio – Software
- High performance at a favourable price !

# EASY - CHECK FE / FE-S / FN



The human eye – symbol of our job:  
Guaranteeing quality through surveillance. Perfect in function and technology. Open to everything new, recognizing changes in due time and responding to them shrewdly. Success is visible.



## EASY-CHECK FE / FE-S

measure according to the magnetic induction technique non-conductive coatings (paint, varnish, plastics, rubber, ceramics) and galvanized films (except nickel) on iron and magnetic steel.

## EASY-CHECK FE

is the standard model without data logger.

## EASY-CHECK FE-S

is more comfortable. It can store 1000 readings and has a serial interface RS 232 for data transfer.

## EASY-CHECK FN

includes both the magnetic induction and eddy current techniques with a twin-function probe. The following measurements can be performed:

**On iron and magnetic steel** all non-conductive coatings (paint, varnish, plastics, rubber, ceramics) and galvanized films (except nickel).

**On non-ferrous metals (aluminium, bronze, brass, copper, non-magnetic steel)** all non-conductive coatings (paint, varnish, plastics, anodizing on aluminium).

EASY-CHECK FN can store 1000 readings and has a serial interface RS 232 for data transfer.

All EASY-CHECK models are supplied with battery, calibration set and leather bag with belt loop.

## Features and Technical Data

Function	EASY-CHECK FE	EASY-CHECK FE-S	EASY-CHECK FN
Measurement of paint, varnish, plastics and galvanizing on iron and steel	X	X	X
Measurement of insulating coatings (paint, varnish, plastics, anodizing) on non-ferrous metals	-	-	X
Measuring Range	0 - 5000 µm	0 - 5000 µm	<b>FE</b> 0 - 5000 µm <b>NFE</b> 0 - 2000 µm
Resolution: 1 - 100 µm: 0.1 / 1 µm > 100 µm: 1 µm > 1000 µm: 0.01 mm	X	X	X
Accuracy: below 100 µm: ± 1 µm 100 - 1000 µm: ± 1 % 1000 - 2000 µm: ± 3 % above 2000 µm: ± 5 %	X	X	X
Display: LCD, 3 ½ digits	X	X	X
Power Supply 1 x 1.5 V battery Rechargeable 1.2 V battery on request	X	X	X
Two-point calibration	X	X	X
Automatic switch off	X	X	X
Conversion µm – mils	X	X	X
Data Logger	-	1000 readings	1000 readings
Interface RS 232	-	X	X
Size	108 x 48 x 38 mm		
Weight	100 g		

Standards: ISO 2178 / 2360 / 2808

## Optionals

### Thermo Printer MEGA-PRINT

incl. charger and connection cable



### Data Transfer by Radio (RADIO-CONTROL)

With the transmitter and receiver RADIO-CONTROL it is possible to take measurements on site and transfer data automatically to the computer without any connection cable. All you need is the Software STAT-6.

**PC required.:** WIN 95/98/ME/NT  
**Connection:** Serial Interface RS 232  
**Frequency-Band:** 868 MHz  
**Frequency Range:** max. 30 m



### SOFTWARE

Data input software  
TRANSFER

Date input software  
TRANSFER-EXCEL

Graphic statistics software  
STAT-6

Interface cable



## LIST-MAGNETIK

Dipl.-Ing. Heinrich List GmbH

D-70771 Leinfelden-Echterdingen  
Max-Lang-Str. 56/2

Telefon (0711) 90 36 31-0 • Telefax (0711) 90 36 31-10

E-Mail: info@list-magnetik.de • Internet: www.list-magnetik.de

