

Chain Inspection System

Mobile Crack Detection Unit

The total loading capacity of a chain is the result of the resistance power of each particular link. Therefore, to ensure safe usage and avoid accidents, it is important to periodically check the chain links for surface cracks using magnetic particle inspection. The compact design of our mobile chain inspection system is ideal for use on-site.



FEATURES

- High-current cables
- Foot switch to control the inspection current
- Fixed on a moveable trolley
- Two lockable guide sand two fixed rollers
- Closed magnetizing coil Ø 350 mm (working height of the coil approx. 840 mm)
- Test liquid drip tray with test liquid pump (contents approx. 5 l)
- Test liquid pump complies with IP 64
- Spraying device including valve for regulation
- Multiple socket (switchable) for UV light and pump (connecting cable 1.5 m, mains supply 230 V/50 Hz)
- Drip tray with coil - easy to disassemble and usable as a stationary system

PART NUMBERS

Ferrotest 10	094105
Ferrotest GWH 15	094106

PRODUCT PROPERTIES

Ferrotest model	10	GWH 15
Effective AC*	1000 A	1050 A
Peak AC*	1400 A	1500 A
Relative duty cycle	3.2 V	4.5 V
Effective half-wave DC*	-	950 A
Peak half-wave DC*	-	1900 A
Mains connection	230 V	400 V
Frequency	50 Hz	50 Hz
Power consumption	3 kVA	8.8 kVA
Control voltage	12 V	12 V
Relative duty cycle	30%	30%
High current cable cross section	70 mm ²	95 mm ²
Test current adjustment	infinite	infinite
Constant current control	yes	yes
Current indication	digital	digital
Width	850 mm	850 mm
Height with handle	900 mm	900 mm
Depth	510 mm	510 mm
Weight	60 kg	76 kg

* maximum test current, measured with high current cables, external circuit 5 m