

CHAIN INSPECTION SYSTEM MOBILE CRACK DETECTION UNITS

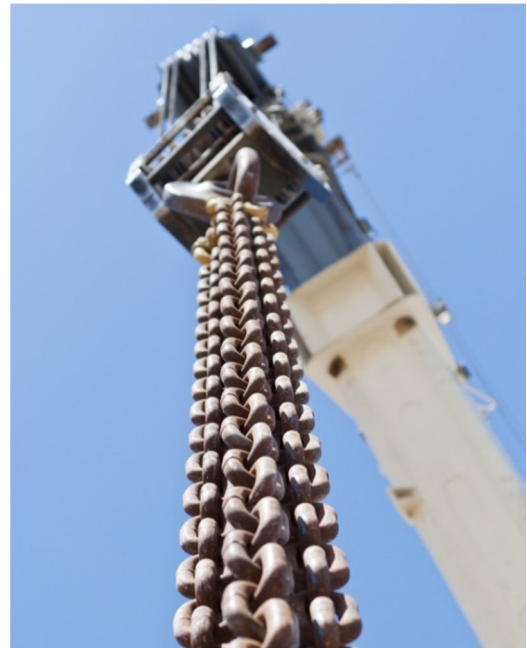
Chain inspection according to DIN 685 part 5 and UVV 18.4 is essential.

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.

The standard system is equipped with:

- optional P-1500 or P-2000
- high-current cables
- foot switch to control the inspection current
- fixed on a moveable trolley
- 2 lockable guide and 2 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 corresponds Ip44
- 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



TECHNICAL DATA

(in compliance with EN ISO 9934-3 / DGZfP guideline EM-0)

		Chain inspection system with P-1500	Chain inspection system with P-2000
Part No.		F08001	F04010
AC (maximum test current, measured with high current cables, external circuit 5 m)			
Effective	A	1500	2000
Peak	A	2120	2820
Half-wave DC (maximum test current, measured with high current cables, external circuit 5 m)			
Effective	A	1500	2000
Peak	A	2120	2820
Operating data			
Mains connection	V	415	415
Frequency	Hz	50	50
Power consumption	kVA	14	18
Control voltage	V	12	12
Relative duty cycle	%	10	10
High current cable cross section	mm ²	120	120
Test current adjustment		Infinite	Infinite
Constant current control		✓	✓
Current indication		Analogue	Analogue
Dimensions			
Width	mm	1000	1000
Height with handle	mm	900	900
Depth	mm	600	600
Weight	kg	100	120

These details are subject to technical innovations and modifications at any time.



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