

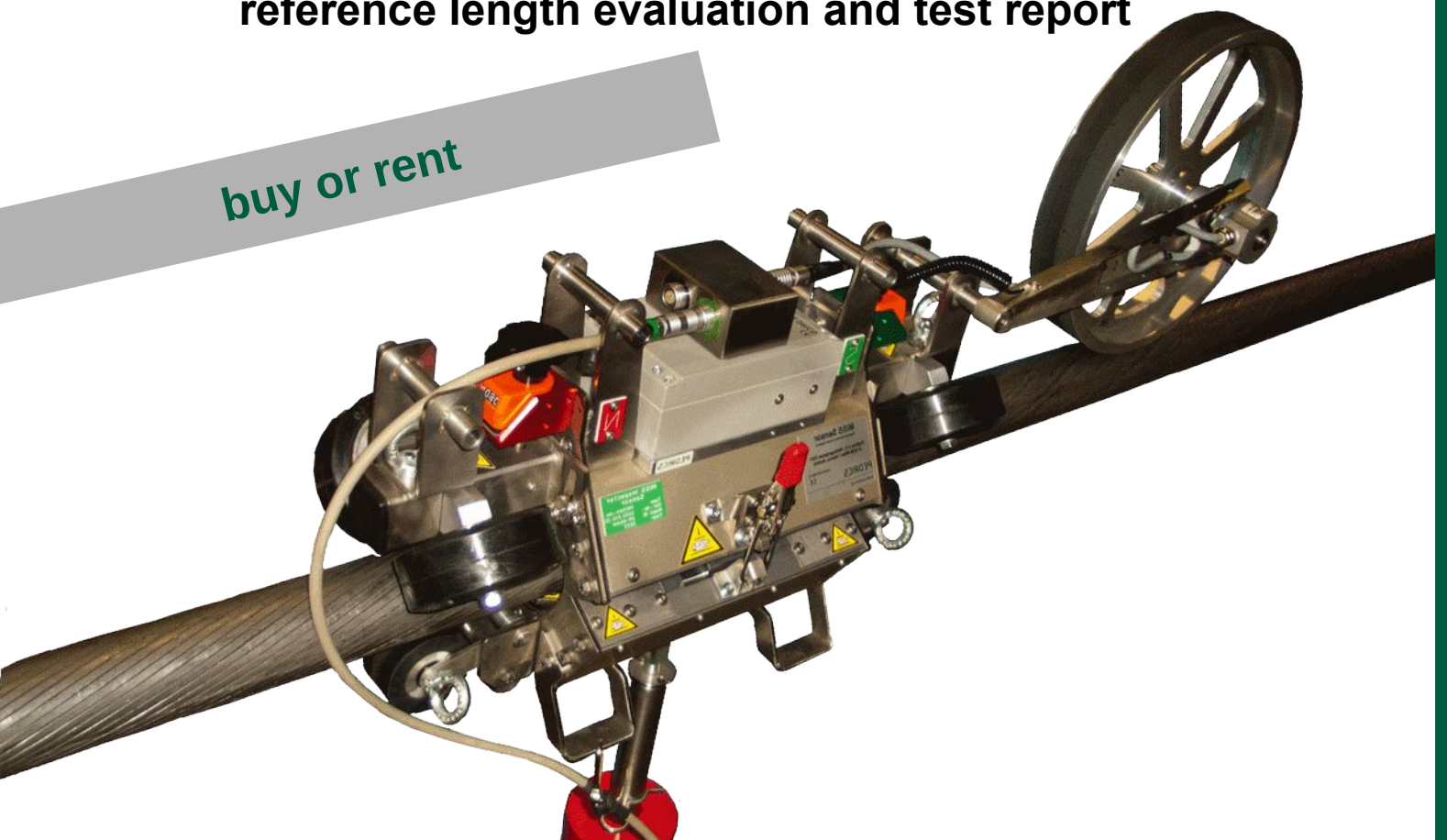
Miss Inspector

Magneto - inductive Sensor Systems

Non-destructive wire rope tester for rope inspection

- ▣ high-precision measuring equipment according to EN 12927
- ▣ only 2 sensors for 6 – 66mm rope diameter
- ▣ automated evaluation of measured data incl. reference length evaluation and test report

buy or rent



high precision and comfort

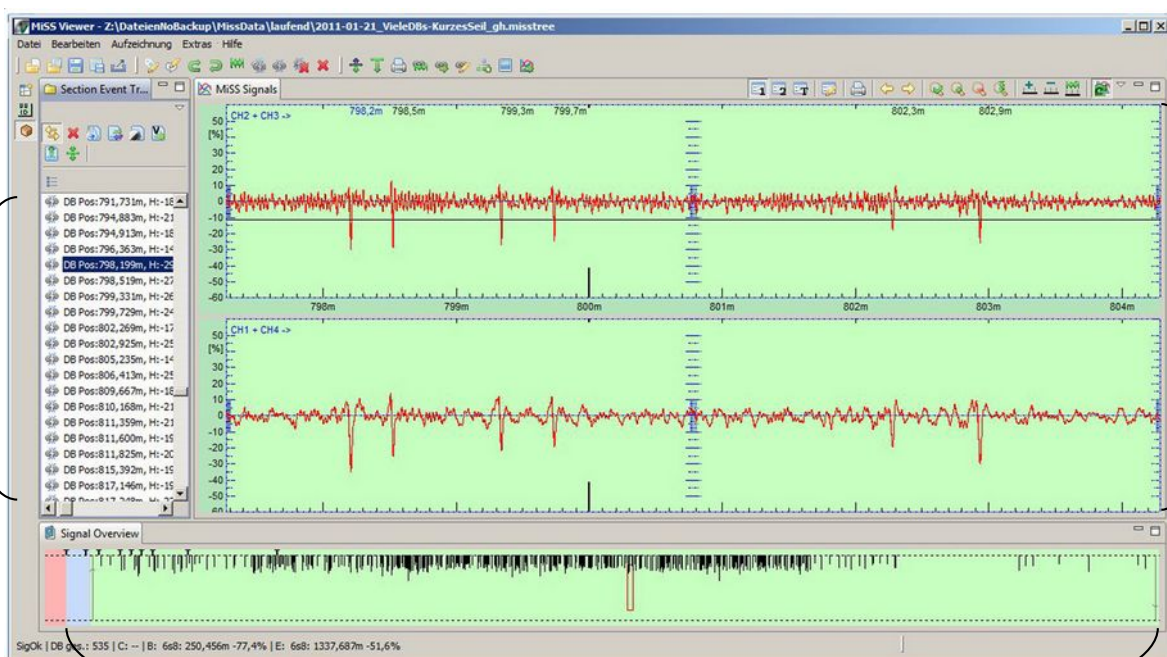
- short time spans for mounting and dismantling the sensor
- wear-free roller guide and measuring coil encased with metal for high damage protection
- 0,15 to 5m/s testing speed without any configuration
- forward and backward movements of the rope will be detected without falsification of the measured rope length
- up to 6 measuring channels for separate recordings allow easier search for defects (error rather above or below)
- data transfer via WLAN or cable (LAN Network) up to 100m length
- automatic saving of the whole measurement chain (i.e. all components used during the measurement)
- digitally signed measurement data – no unauthorized data change possible (data security)



testing a guy rope of a transmitter via WLAN

listing of all detected wire breaks with their exact position at the rope

current signal section with automatically evaluated wire breaks and corresponding position data in meters



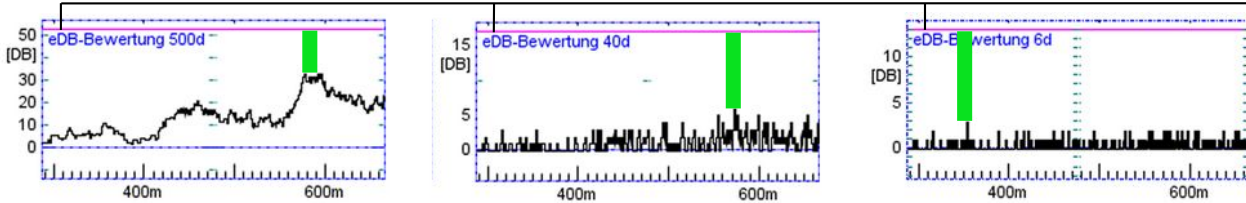
overview of a length of rope already tested with distribution of the wire breaks
each vertical bar is one wire break

significant results

- just one mouse click to get the reference length evaluation including graphic presentation

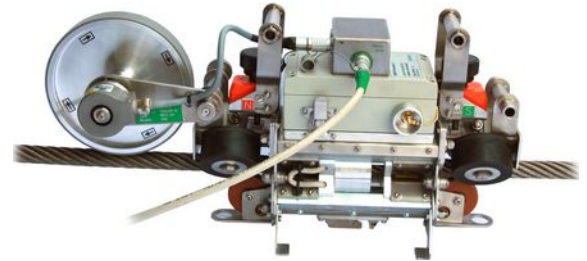
range of additionally tolerable wire breaks up to critical limit

example of freely configurable critical limit of tolerable number of wire breaks
e. g. 500 times, 40 times and 6 times of the rope diameter

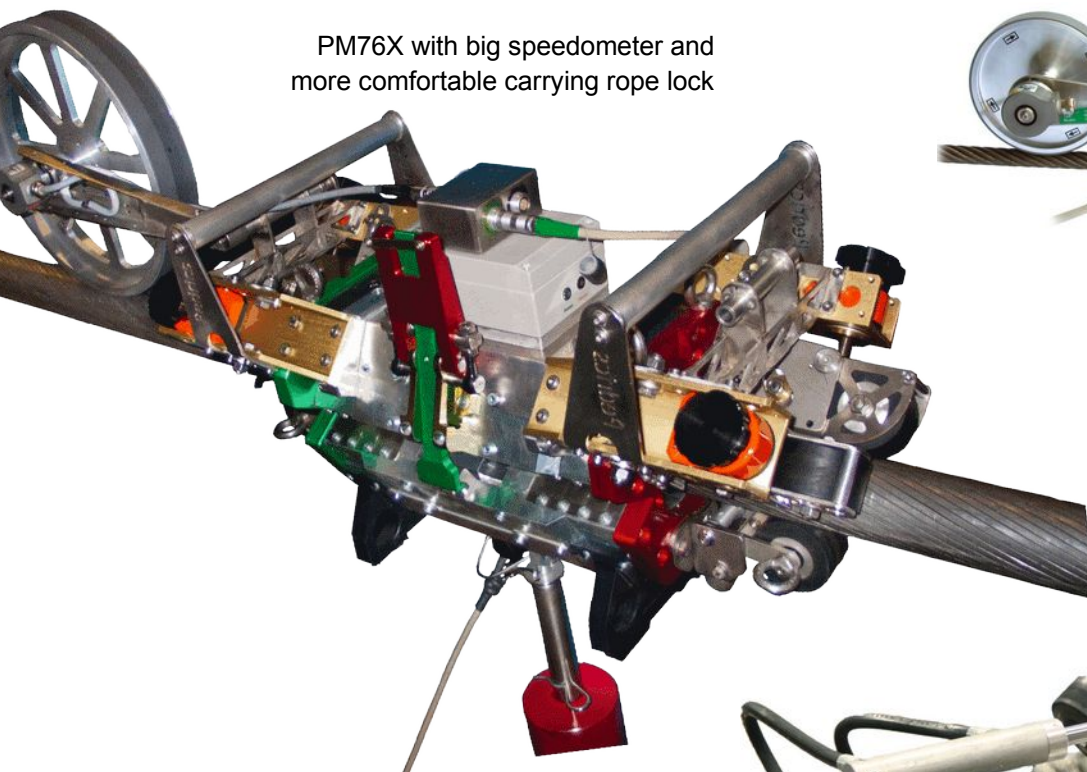


- automatic creation of test data sheet with interface to text processing for semi-automatic creation of inspection report
- all rope tests and results are saved in a data base – the resulting rope history will allow predictions about the life expectancy of the rope
- data base with customer management

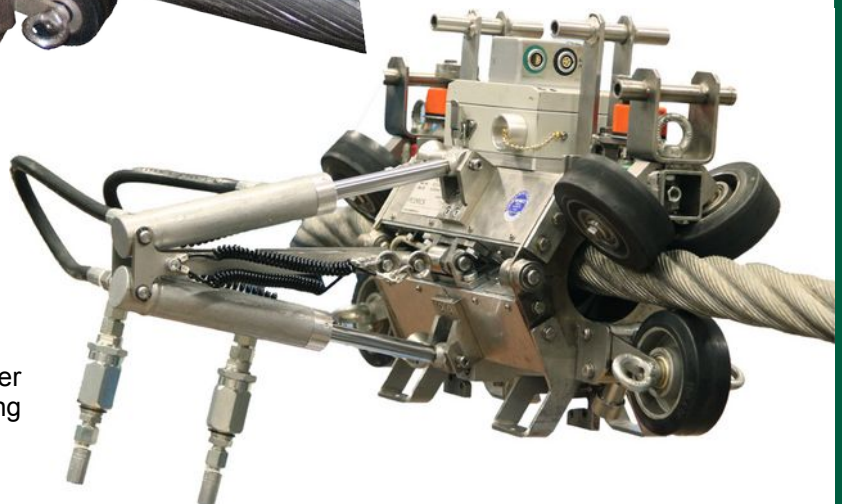
PM73X with short speedometer



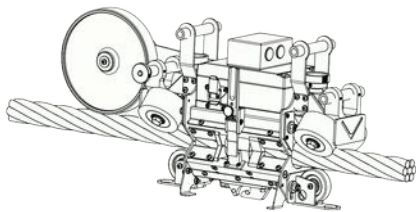
PM76X with big speedometer and more comfortable carrying rope lock



PM75X with hydraulic opener for more comfortable carrying rope testing

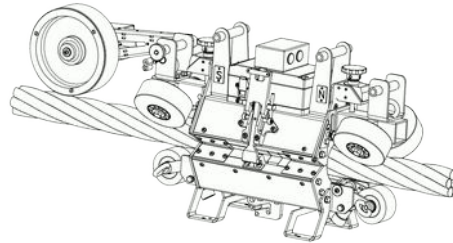


products and financing options



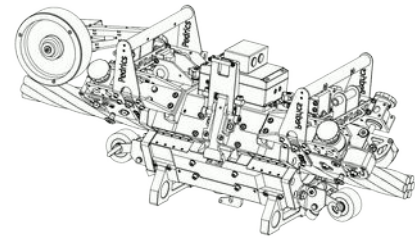
PM73

ropeØ: 6 – 37mm
 max. cross section: 505mm²
 measuring coilØ [mm]: 12,
 16, 20, 25, 30, 35, 40, 45



PM75

ropeØ: 29 – 66mm
 max. cross section: 2900mm²
 measuring coilØ [mm]: 40,
 45, 50, 55, 60, 65, 70, 75



PM76

ropeØ: 45 – 80mm
 max. cross section: 4500mm²
 measuring coilØ [mm]: 60, 65,
 70, 75, 80, 85, 90, 95, 100

- individually tailored leasing and loan contracts

enterprise

- 25 years of personal experience in developing and constructing magneto-inductive measuring systems
- state of the art technology
 our measuring systems meet the requirements of EN 12927



director
 Gerhard Hinterndorfer

references

test laboratories



ropeway companies



industrial rope producers



quality assurance



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