

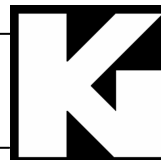


PERMANENT- MAGNET WIRE ROPE INSPECTION INSTRUMENT WITH DIGITAL RECORDING



COMPONENTS

- 1. Permanent-magnetic detector (PMK 20/ PMK 40/ PMK 55)
- 2. Digital generator type GD
- 3. Suitcase with interface
- 4. Laptop with DSPG Software



1. PERMANENT-MAGNETIC DETECTOR PMK

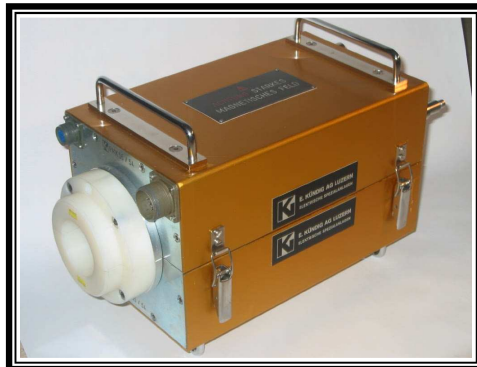
Standard tools:

- PMK 20 for cable diameter up to max. 20 mm
- PMK 40



for Standard testing tubes: ⇒ testing tube 20 for cable diameter from 1mm to 20mm
 ⇒ testing tube 30 for cable diameter from 21mm to 30mm
 ⇒ testing tube 40 for cable diameter from 31mm to 40mm

- PMK 55



for Standard testing tubes: ⇒ testing tube 20, 30 and 40
 ⇒ testing tube 55 for cable diameter from 41mm to 55mm

2. DIGITAL GENERATOR TYPE GD

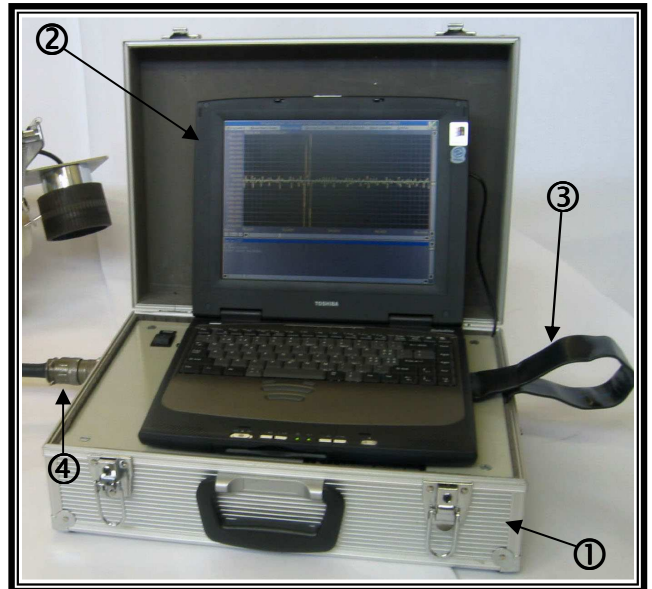


3. SUITCASE WITH INTERFACE

The interface contains the hardware to transform the detector signal into a digital value, to register the direction of the recording and the testing speed as well as a timer for the time-linear recording.

The data are transferred via PCMCIA-interface to the PC. The interface suitcase contains a rechargeable battery for power supply of the interface and the PC, a connector to the detector (for example: PMK 20, PMK 40 or PMK 55) and to the generator type GD.

- ① Interface suitcase
- ② PC with DSPG Software
- ③ PCMCIA- interface
- ④ Connector to the detector and generator



4. DSPG SOFTWARE

Hardware requirements:

- PC compatible 486/66 or a higher system with 4 MbyteRAM, > 100 Mbyte harddisk
- The bit rate of the harddisk shall be at least 1 Mbyte/s and the access time < 14ms.
- Mouse, trackball or equivalent device
- Free PCMCIA type II interface

Software requirements:

- DOS 5.0 or higher
- XMS (HIMEM.SYS)
- 590 KByte conventional free memory
- 2 MByte free XMS memory
- 10 MByte free harddisk memory

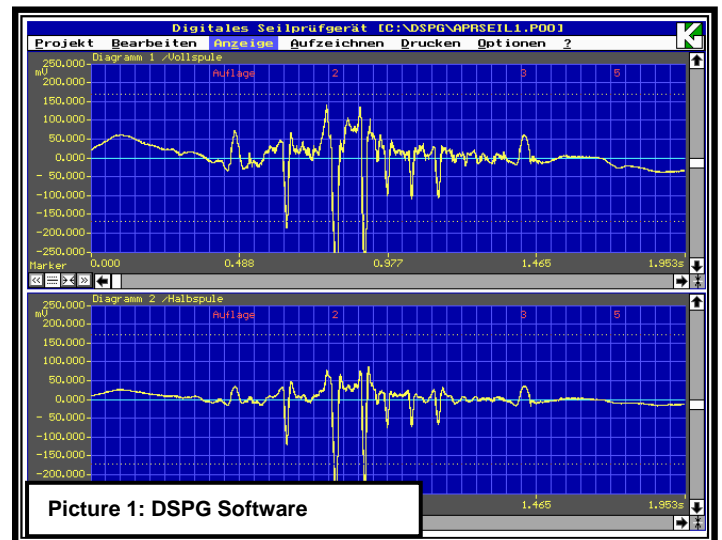
Feature's:

- Recording speed is adjustable:

from 20 measurement/s or 20 measurement/m
to 1000 measurement/s or 1000 measurement/m

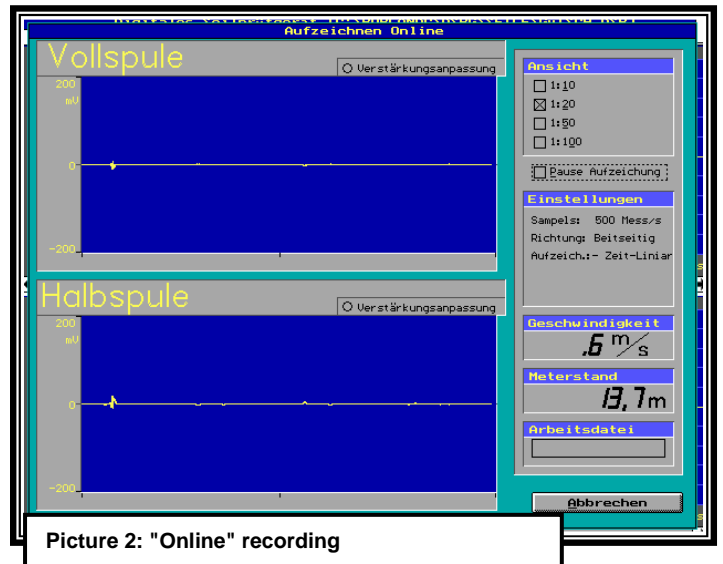
⇒ By 12 Bit recording broadness for each channel
(Recording always with 4000 measurements/ s or 2000 measurements/ m)

- Recording time or recording direction are limited by the size of the working file (harddisk)
- Support given by 2 Gbyte RAM and 2 Gbyte diagram memory
- Project management for each cable.
- More than one recording can be allocated to a project.
- Data compressing during saving process.
- Archiving function to save on floppy disks.
- Several help functions to affix markers in the diagram.
- A text can be added to each marker.
- Special function to mark the test wire plating.
- A graphic display, similar to windows, which easily can be operated by mouse or keyboard, simplifies the use of the software (Picture 1).



- The screen of the diagram can be increased 100x in vertical direction and compressed in the horizontal direction to the factor 1... 10'000'000 measurement/compressed.

- Simultaneous display of the diagram and the included texts.
- Possibility to prepare a print job, where multiple recordings and diagram sections can be added in one single job and be printed by occasion.
- The recording is during the measurement process on the monitor online visible (Picture 2).



Picture 2: "Online" recording

ADDITIONAL INFORMATIONS

For further informations please contact:

E. Kündig AG
Motelstrasse 1
CH-6010 Kriens
Switzerland

Telephon: +41 41 310 11 33
Fax: +41 41 310 11 07
E-mail: info@kuendigag.ch

Kriens, 19. March 2013

page 5 / 5