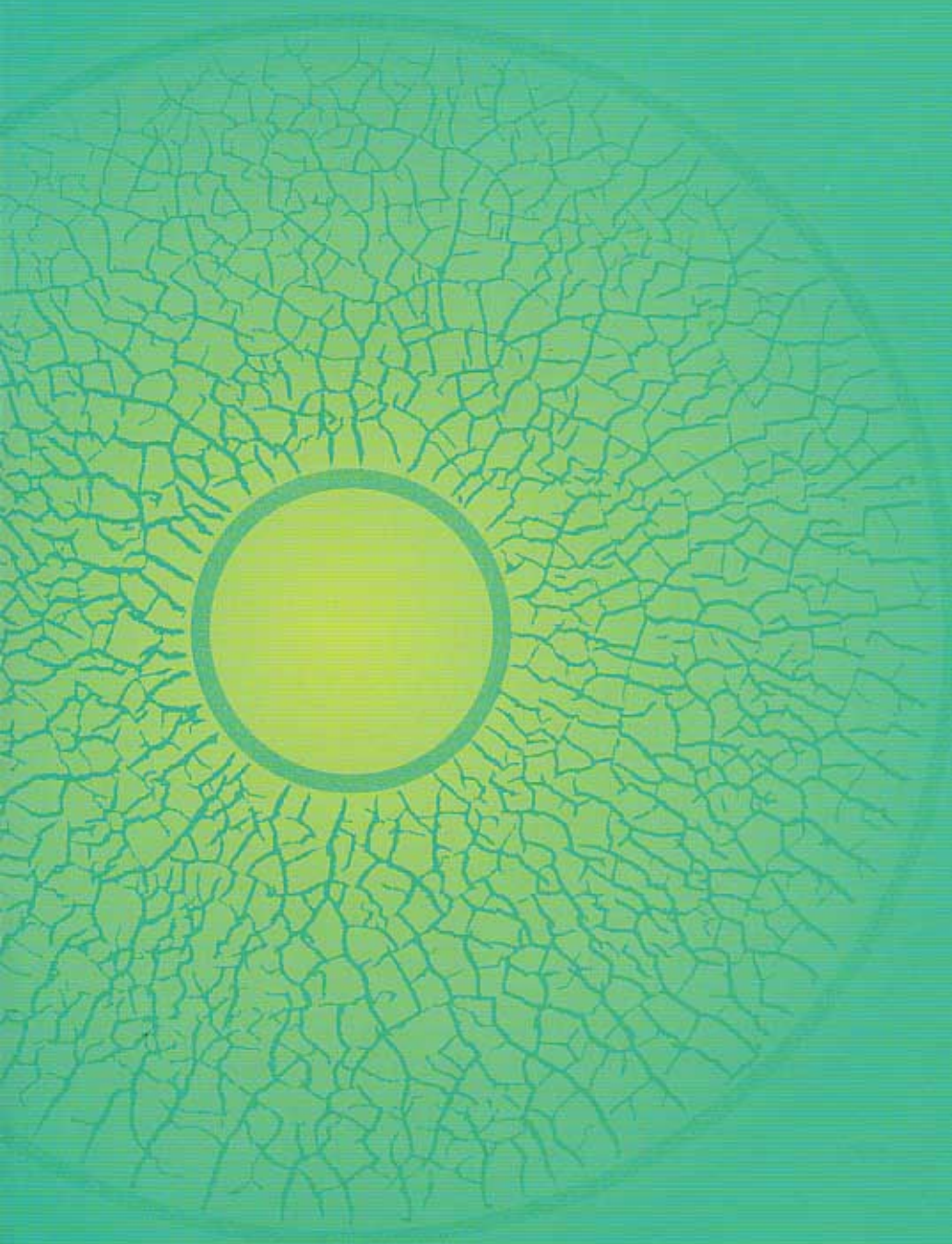


K+D

Flux-Technic

**Devices and units
for magnetic particle
and penetrant inspection**



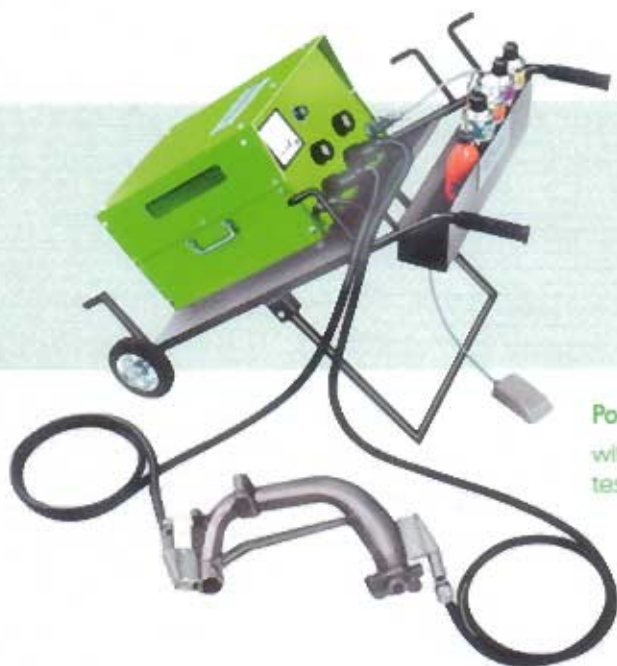
Also the mobile test field needs competent partners!



Chain inspection device
with uv-light, UVL 400-A

Mobile high current
generator
Portaflux 6000-G

Test current:
AC or half wave DC
max. 6000 A



Portaflux 4000
with trolley for flexible
test applications

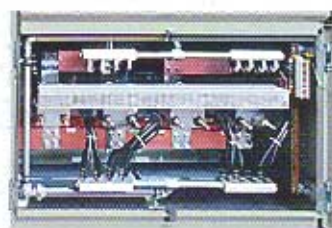
Portable high current
generator
Portaflux 1000
max. 1400 Amp. AC



AC hand yokes
with straight and adjust-
able poles for a power
supply of 230 V or 42 V
safety voltage

**Detecting cracks are challenges
to be overcome**

**K+D
Flux-Technic**



Special test bench

to check parts for the aircraft and aerospace industry in accordance with all national and international standards. Yoke magnetization and current flow method are

changeable from AC to full wave DC. Optimal transmission of the magnetic field depends on a closed AC-DC yoke.

Universal 1250-ACC

Combined testing by
AC current method
AC yoke magnetization



Universal 1000 - ACY
Combined testing by
AC current flow method
AC yoke magnetization

The surface crack detection sets the tasks – K+D provides field-proven solutions

Round table unit

to check wheel axles
connected between an
automatic production
line

Magnetization by

- yoke magnetization
- current flow method
- induction method
- threaded bar method

Automatic transfer by
an unloading system to
an inspection table for
a visual control by two
workers



Separate demag-
netization yoke



Automatic loading device



Dye penetrant system by immersion technique

- Washing station for
cleaning the parts
- Penetrant station with
integrated drip-down
grid
- Dry station with hea-
ting system
- Dry developing tank
- Inspection table with
uv-light

We deliver also liquids
and test pieces for the
penetrant inspection

With the suitable accessories on the right path to a successful testing



Test agent
for magnetic particle testing

Demagnetization coils
50 Hz/AC resp. 16²/₃ Hz
by low frequent generator coil opening □ 150 to □ 550 mm power supply 230 V or 400 V



Measuring instruments and test pieces
for a successful and reproduceable magnetic particle inspection



UV-light UVL 400-A

UV lights for mobile and stationary test applications



UV-light UVL 100 spot focussed

K+D Flux-Technic

Our Management

Owner and director
Rupert Dangelmayr

Project planning
Production
Business management

NDT-Level 3, MT, PT
Akten-Nr. S1-000408



Director
Gerhard Gauss

Sales
Marketing
Service

NDT-Level 3
MT, PT, VT
Reg.-Nr. 02/0928-
30/3/0062



Course of instruction

to train the method of magnetic particle inspection by our level 3 teachers.

On request, courses also in your company



Our Company



All from one source -
warranted quality

Own design departments
for mechanic and elec-
tric are the basis for a

professional construction
and assembling of crack
detection units.

Maintenance according to DIN 55 350-18-4.2.1

regular check and workman-
like maintenance by our ser-
vice technician are the assump-
tion for a reliable quality check.

Where will you find us?

Between Aalen und Stuttgart
at the B 29

