

Uniflux

Ihr Partner bei der
zerstörungsfreien Werkstoffprüfung

Crack test bench Uniflux UF 1100 SPE / Uniflux UF 1100 Unoflux SPE

for non-destructive magnetic particle
crack detection according to EN ISO 9934
and ASTM E 1444-94a



System design:

■ UF 1100 SPE:

- Is equipped with two alternating current magnetizing circuits and thus enables individual and combined testing
- The two out-of-phase alternating currents generate a rotating magnetic field
- Cracks are displayed in one operation in each direction

■ UF 1100 Unoflux SPE:

- Longitudinal and transverse magnetization are only possible in separate and consecutive operations
- High-current changeover switch with two functional positions
- Workpiece clamped:
Current or auxiliary flow possible
- Workpiece unclamped:
Field or induction flow possible

- Mobile high-current coil D = 400 mm or 500 mm

Possible magnetization processes:

- Current flow: display of longitudinal cracks
- Auxiliary flow: display of transverse cracks
- Coil magnetization: display of transverse cracks

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TECHNICAL DATA

Uniflux UF 1100 SPE

Device type	UF 1100 SPE	UF 1200 SPE	1600 SPE
monosapn length	0 – 1100 mm	0 – 1200 mm	0 – 1600 mm
Clamping stroke	7 mm	7 mm	7 mm
Coils	400 / 500 mm	400 / 500 mm	400 / 500 mm
Connection	3 x 400 V	3 x 400 V	3 x 400 V
Frequency	50 Hz	50 Hz	50 Hz
Compressed air	5 bar	5 bar	5 bar
Dimensions	Länge: 1600 mm Breite: 800 mm Höhe: 1250 mm	Länge: 2100 mm Breite: 800 mm Höhe: 1250 mm	Länge: 3100 mm Breite: 800 mm Höhe: 1250 mm

Order number: **300-011** **300-012** **300-013**

* Other voltages and modifications available on request

Uniflux UF 1100 Unoflux SPE

Device type	UF 1100 Unoflux SPE	UF 1200 Unoflux SPE	UF 1600 Unoflux SPE
clamping length	0 – 1100 mm	0 – 1200 mm	0 – 1600 mm
Clamping stroke	7 mm	7 mm	7 mm
Coils	400 / 500 mm	400 / 500 mm	400 / 500 mm
Connection	3 x 400 V	3 x 400 V	3 x 400 V
Frequency	50 Hz	50 Hz	50 Hz
Compressed air	5 bar	5 bar	5 bar
Dimensions	Länge: 1600 mm Breite: 800 mm Höhe: 1250 mm	Länge: 2100 mm Breite: 800 mm Höhe: 1250 mm	Länge: 3100 mm Breite: 800 mm Höhe: 1250 mm

Bestellnummer: **300-014** **300-015** **300-016**

*Other voltages and modifications available on request

CONTACT US TODAY!

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