

# Stationary Magnetic Particle Crack Detector

## DEUTROFLUX EW

DIN EN ISO 9001

# KARL DEUTSCH

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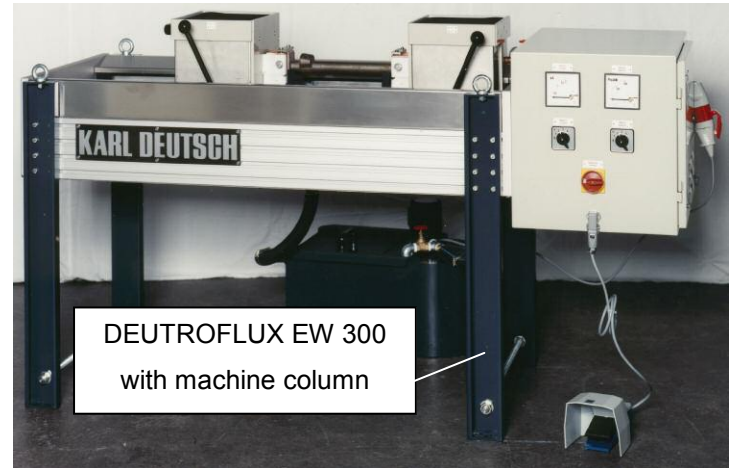
### DEUTROFLUX EW

with built-in control panel and manual clamping

Additional accessories on request

#### The table set (machine without machine column) is equipped with the following items:

- Sturdy lightweight construction with stainless steel tub
- 2 independent magnetising circuits for combined magnetisation (i.e. detection of cracks in all directions in one testing cycle)
- 4 settings for current and field flow
- Built-in control panel
- Separate container for testing agent, 40 l volume, incl. feed and circulating pump with dosing valves and feeding hoses
- Manual pre-setting of clamping length
- Manual spraying (by hose)
- Relative operating factor 30 %
- Separate foot-switch to activate magnetisation
- 5 l FLUXA-concentrate HRS, art.-no. 9306 sufficient for 4-5 fillings of testing agent container
- 3 operation manuals in English or German



Technical Data:		DEUTROFLUX EW 300	EW 600
Order-No.		3121.002	3123.002
Clamping length	(mm)	0 – 300	0 – 600
Workpiece dia., max.	(mm)	300*	300*
Workpiece weight, max.	(kg)	100	100
Current flow			
Nominal current	(A)	1000	2000
Open-circuit voltage	(V)	4	6
Mains voltage (three-phase current)	(V)	400 V, 50 Hz	400 V, 50 Hz
Connected load	(kVA)	14	20
Phase current, max.	(A)	35	50
Outside dimensions without machine column:	(mm)	1900 x 730 x 570	2050 x 730 x 570
Bath container	(mm)	700 x 600 x 470	700 x 600 x 470
Operating height with machine column:	(mm)	1000	1000
Weights, approx.			
Crack Detector	(kg)	320	400
Bath container	(kg)	30	30

\* Increased current flow is necessary