

TECHNOLOGY

ENCODER -SERIES

ENCODER		ENCODER 40 DV & DV/1	ENCODER 40 EP & EP/1	ENCODER 50 DV & DV/1	ENCODER 50 EP & EP/1
Parts No. Table model		01 00 32 ²⁾ / 01 00 34 ^{1,2)}	01 00 57 / 01 00 58 ¹⁾	01 00 33 ²⁾ / 01 00 39 ^{1,2)}	01 00 36 / 01 00 56 ¹⁾
Ink residue pick-up system		no	optional	no	optional
Single cycle		yes	yes	yes	yes
Multiple printing		no	yes	no	yes
Continuous run		yes	yes	yes	yes
Piece counter		no	yes	no	yes
Variable speed control		pneumatic	yes	pneumatic	yes
Cycles/hour	max.	400 - 5.000	400 - 3.500	400 - 4.500	400 - 2.400
Ink/doctoring cup	ø mm	42	42	60	60
Variable doctoring contact pressure		yes	yes	yes	yes
Cliché size	mm	60 x 105	60 x 105	70 x 140	70 x 140
Print image size max.	ø mm	37	37	55	55
Variable tampon stroke onto workpiece (*special depth)	mm	50 - 100 (*125-300)	50 - 100 (*125-300)	50 - 100 (*125-300)	50 - 100 (*125-300)
Tampon stroke onto cliché	mm	20-40	20-40	-	-
Tampon installation height max.	mm	50	50	60	60
Force of pressure	N	270	270	450	450
Drive		pneumatic	electropneumatic	pneumatic	electropneumatic
Connected load	kW	-	0,5	-	0,5
Power supply	V/phase	-	230V/1/N/PE	-	230V/1/N/PE
Interface		-	-	-	-
Power frequency	Hz	50-60	50-60	50-60	50-60
Control		pneum. sequential control	PLC	pneum. sequential control	PLC
Control voltage	V/DC	-	24	-	24
Prefuse	A	16	16	16	16
Pneumatic supply fine filter 5 µm	bar	6	6	6	6
Air consumption / cycle	NL	1,5	1,5	3,9	3,9
Width	mm	153	153	173	173
Depth	mm	325	325	380	380
Height	mm	357	337	403	383
Weight	approx. kg	20	23	26	29

¹⁾ DV/1, EP/1 = Excess pressure regulation in the ink/doctoring cup, vacuum control unit
²⁾ = Only as built-in execution with manufacturer's declaration!
Floor standing model (option)

Scope of supplies

- Toolkit
- Paper cups / 10 pcs.
- 2 spray bottles 500 ml
- 1 assembly table
- 1 gripping tongs
- 1 ink/doctoring cup
- 1 thrust collar
- 40 EP/DV 1 tampon 388,
50 EP/DV 1 Tampon 410,
Shore-A 06, silicone material 03
- Documentation

Accessories & Options

- ENCODER aluminium frame 360° with
height adjustment via handwheel
- Stroke extension 50 "EP/DV"
optionally 160, 200, 300 mm – ex works
- Vacuum control unit "EP/1", "DV/1"
excess pressure regulation with special below
- Ink residue pick-up system left / right "EP"
- Tampon spreading device, towing equipment
- Control cabinet with PLC and operator
display integrated in PLC cabinet
- Control cabinet with PLC and
remote control display
- Remote control display, without PLC control



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TAMPOPRINT® products are permanently updated to keep pace with the latest technological developments. For this reason, figures and descriptions are non-binding. Our machines are manufactured based on the currently valid European Machinery Directives as well as the European product standards EN 1010 - 1 and EN 1010 - 2.
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ENCODER

TAMPON PRINTING MACHINES



TAMPO PRINTING MACHINES
ACCESSORIES
SERVICE

Tampon printing machine for the most demanding printing positions

Brilliant print in any angle of inclination, even overhead

Specially developed for integration in all kinds of automated systems

technologies for your future
made in germany





1982 the first in the world ...

The "ENCODER" machine series was launched at the Hannover Messe in 1982 as the world's first tampon printing machine with closed, that is "hermetic", ink/docting system.

It was specifically developed for integration in all kinds of automated systems.

Variable control possibilities

The "DV" series has a pure pneumatic drive. It can be operated using superior controls, thereby providing you with freely configurable machine sequences.

For the "EP" series we offer three different electronic control possibilities.

Variable installation positions

The ENCODER "/1" models, equipped with a piston on the ink/ docting cup and adequate overhead control, guarantee all print positions. Fitted with the ENCODER aluminium stand, the ENCODER "/1" have a free choice of positioning within 360° and the distance to the printing component can be additionally adjusted with a handwheel.

No rejects because of misprints

For the "EP" series we offer our well-tried ink residue pick-up system.

It can be optionally attached to the left or right (option).

WHO INVENTED IT? GERMANY

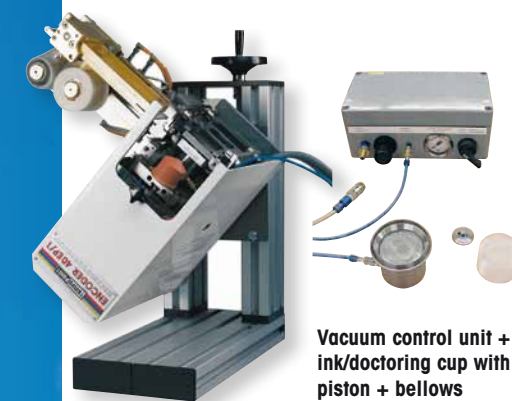
MADE IN
GERMANY



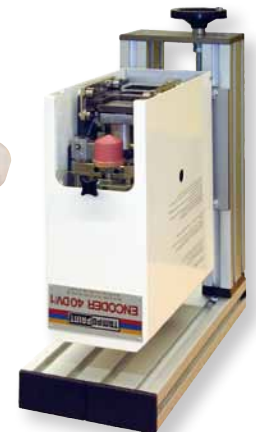
"ENCODER 40 EP"
electropneumatic



"ENCODER 40 DV"
pneumatic



"ENCODER 40 EP/1"
electropneumatic



"ENCODER 40 DV/1"
pneumatic

"ENCODER EP" machines can be converted into high-quality stand-alone tampon printing machines using the controls from TAMPOPRINT®. So that all print technical standards of the other machine series are immediately freely controlled.



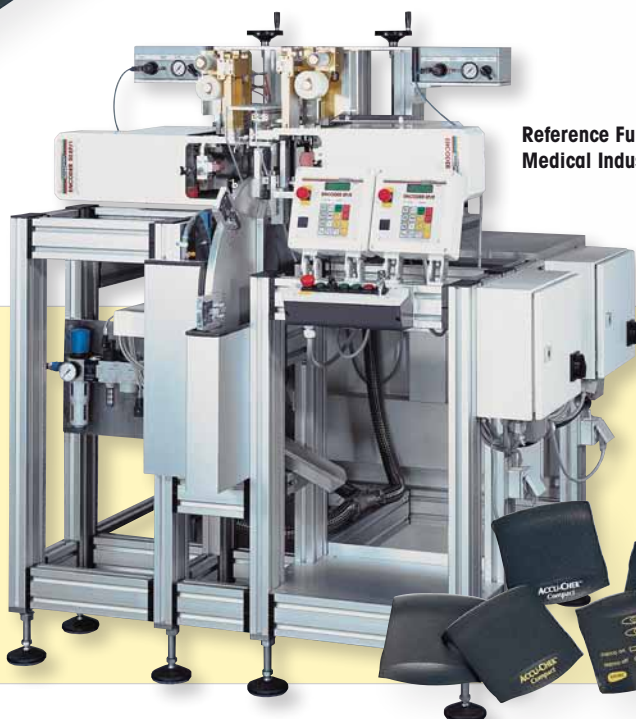
Control cabinet with PLC
and remote control display



Control cabinet with PLC
and operator display
integrated in PLC cabinet



Remote control display,
without PLC control



Reference Fully automatic machine
Medical Industry

Reference: 2-sided printing on covers
of blood sugar meters



Automation with tampon ventilation
for light switch frames

Variable printing positions and printing
angles

Reference "Encoder 50 EP/1" with stroke
extension and external control unit

"ENCODER /1" – Integration position between
90-180° with ink residue pick-up system

