

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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ORIGINAL



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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



■ TAMPON PRINTING MACHINES
■ ACCESSORIES
■ 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*

ORIGINAL



Tampon printing machines
ALFALAS® Laser Systems
Automations



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.

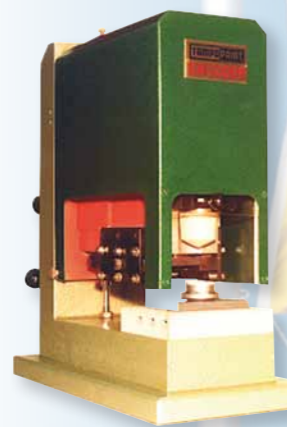
For the "EP" series we offer three different electronic control possibilities.

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).



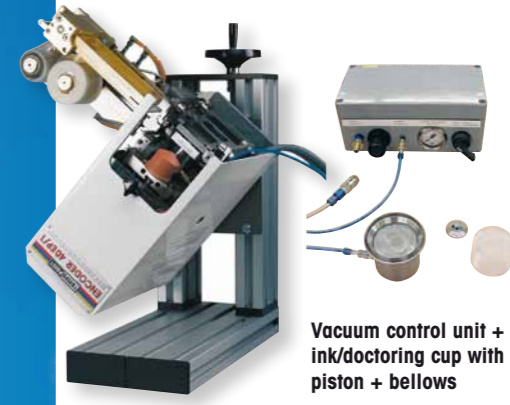
WHO
INVENTED IT?
GERMANY



"ENCODER 40 EP" electropneumatic



"ENCODER 40 DV" pneumatic



"ENCODER 40 EP/1" electropneumatic

Vacuum control unit + ink/docting cup with piston + bellows



"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.



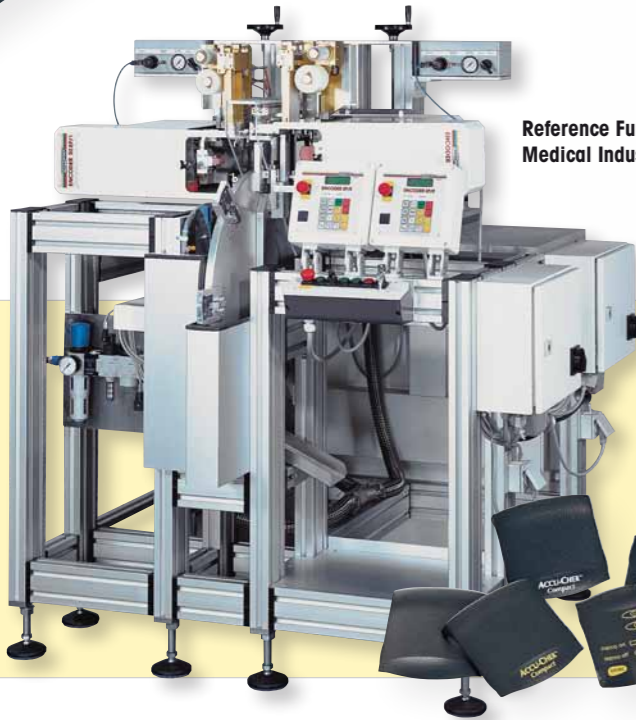
Control cabinet with PLC and remote control display



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

