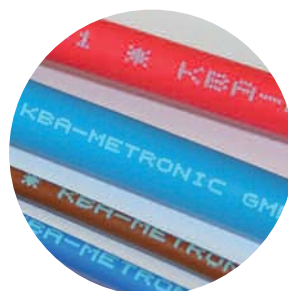
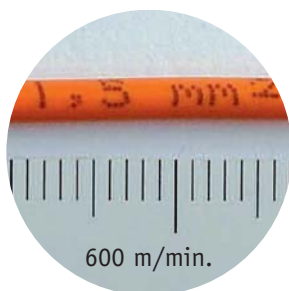


alphaJET tempo Continuous InkJET system



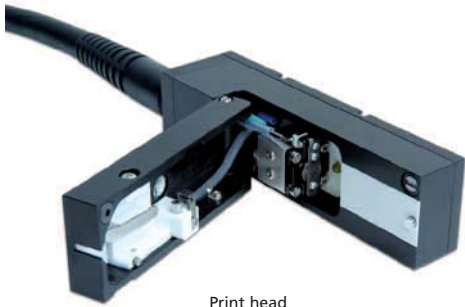
“Fast – faster – tempo”:

- Ideal for high-speed applications
(up to 10 m/sec. at 2.5 mm character width)
- alphaJET with lowest solvent consumption
- Quick and easy text change
- Customized software
- Easy network integration (XML-based interface protocol)

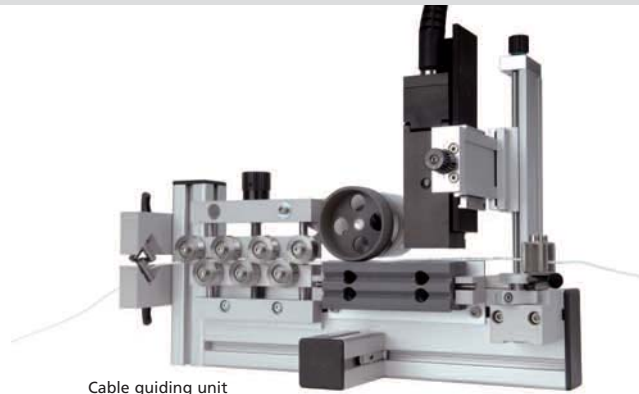


... the leading manufacturer of printing, coding and marking systems

alphaJET tempo Continuous InkJET system



Print head



Cable guiding unit

The alphaJET tempo consistently provides an excellent print quality at highest production speeds. Profitability due to high availability with minimal maintenance as well as easy network integration complete the system.

Housing

- Modern Design
- IP 65 rated construction
- Operating temperatures 5° - 45°C
- Stainless steel
- Optional: UPS integrated (uninterruptible power supply)

Touchscreen display

- 10.4" TFT touchscreen display with user-friendly interface
- Resistive, detachable display, can also be tilted
- Solvent resistant
- Graphical interface (WYSIWYG)

Ink system

- Modular and easy to access
- High availability due to high quality, durable components
- Easy, timesaving maintenance
- Efficient and ecological
- No ink or solvent cartridges
- Solvent recovery system as standard

Print head

- Optimized design with head flap -> easy to clean
- Nozzle lock -> quick start and shut down routines
- Head heater -> uniform droplet formation
- Built-in strobe-light and loupe for visual inspection of the drop formation

Interfaces and I/O standard

- Ethernet
- 2 x RS 232
- 2 parallel inputs (product sensor and encoder)
- Remote socket
- Digital I/O ports
- Alarm relays
- USB
- Optional: 4-color alarm-beacon
- Optional: customer specific software

Technical data

Dimensions:

Control unit: 320 x 320 x 700 mm (incl. operator terminal)
Print head: 40 x 40 x 145 mm (L x W x H)

Print system:

Continuous ink jet system, comprising a control unit and a printing unit

Ink system:

1-litre bottles for ink and solvent, easy to change.
Solvent consumption only 2 ml/h at 20°C thanks to solvent recovery system. No requirement for compressed air

Ink types:

Suited to your individual requirements, depending on product material and application, pigmented inks possible

Working conditions:

Operating temperature: +5° to +45°C,
max. 90% relative air humidity, non-condensing

Hardware:

The control unit and printing unit operate independently of each other. This allows additional printing units to be controlled from one master printer. Peripheral equipment can be controlled and synchronised via defined interfaces
Automatic time and date function, continuous numbering, barcodes, data matrix codes, logos etc.; printing of True Type fonts

Text features:

Fault diagnosis:

Automatic diagnostics displayed in plain text

Print speed:

Up to 3500 characters per second

Print head distance:

1 - 25 mm

License:

Standard

Professional

Print resolution:

16 dots

24 dots

Type height:

0.8 - 15 mm

2 lines

4 lines

(7x5 matrix)

(5x5 matrix)

Connected loads:

86 - 264 V ± 10%, 50 - 60 Hz,
maximum power consumption 1.0 / 0.5 A

Safety standard:

Ink return control; automatic viscosity and ink level control; remote monitoring of printing errors; separation of the electronics and ink system; practically zero emissions

Subject to technical and design changes. E&OE

