



- Easy to install
- Durable
- High-capacity memory
- Graphics capability
- Unbeatable efficiency

Single-line coding on any package
has never been so easy!

The ink-jet printer EBS-230 of the 'PicAS'-series sets a new benchmark in regard to configuration and cost-effectiveness of basic DOD systems.

Easy handling, robust design, user-friendly interface and unbeatable efficiency are only some of the outstanding features of the EBS-230.

Through consistent engineering, research and development efforts we have created a splash proof (IP54 rated) housing.

Water based, Ethanol, Acetone or fast drying MEK based inks provide a universal solution for marking of any type.



Facts and features

Print height	6 - 11 mm with 7-nozzle printhead 6 - 27 mm with 16-nozzle printhead
Printhead position	any
Memory	30 texts with up to 1300 characters each
Print speed	600 vertical rows / sec. up to 60 m/min.
Special characters	National (diacritical) characters, graphic characters for information, warnings, transport purposes etc.
Special registers	Date and time in any format, expiry date, incremental counter, decremental counter
Programming	- Software for editing text and parameter, compatible with Windows® 98SE/ME/NT/2000/XP/Vista or programming via Terminal "T200" - data transfer via provided connection cable
Ink consumption	ca. 2.000.000 characters per 1 litre (7x5 matrix)
Weight	< 1.600 g excluding the ink bottle
Elements of the printing system	Printhead, junction box including power supply and photocell, USB cable from PC<->EBS 230, 1 ltr. ink system, printhead holder, basic holder system, PC software and user's manual on a CD-ROM
Nozzle diameter	150 µ
Simulation of Windows® fonts	Possible, limited to the vertical print resolution
Compressed air supply	Not required!
Ink bases	Water; Ethanol; Acetone; MEK
Timing	Internal generator or optional shaft encoder (for varying conveyor speed)
Power supply	100 - 240 V~ protection rating IP54

- High-quality printouts
- Minimal investment costs and low follow-up costs
- Operating costs can be reduced up to 55% compared to the competition by the use of 1 litre supply bottles and an economic 150µ nozzle plate
- Variation of print height by tilting the printhead or by font matrix
- Ultra-compact and flexible design
- IP54 protection class as standard
- Internal compressor, no need for external compressed air supply
- Supply bottles will be entirely consumed contrary to scrap ink when using pressurized cartridges
- Convenient operation by a Windows® PC or by the optional touch-screen terminal 'T200' (320 x 240 pixel)
- Editing of variable registers: Up-counter, Down-counter, time, date, shelf life
- Optional terminal 'T200' with integrated bitmap editor for creating individual logos, setting parameters and message management

Versions	EBS 230/7	EBS 230/7 T	EBS 230/16	EBS 230/16 T
Print matrix up to 7 dots vertically	•	•		
up to 16 dots vertically			•	•
Print height	6 - 11 mm (0.24" - 0.47")		6 - 27 mm (0.24" - 1.06")	
USB cable PC – EBS 230	•	•	•	•
Detachable touch-screen terminal "T200"	○	•	○	•
	• standard		○ optional	



EBS 230/16 on the production line
(Laptop, conveyor, accessories are not scope of supply)