



Ink jet systems



Small + large character



Quality control



JET-PEN systems

I.P. PRINTING



manual JET-PEN 50 system



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Power adapter;
12V DC/ 2A

control unit SPC-B



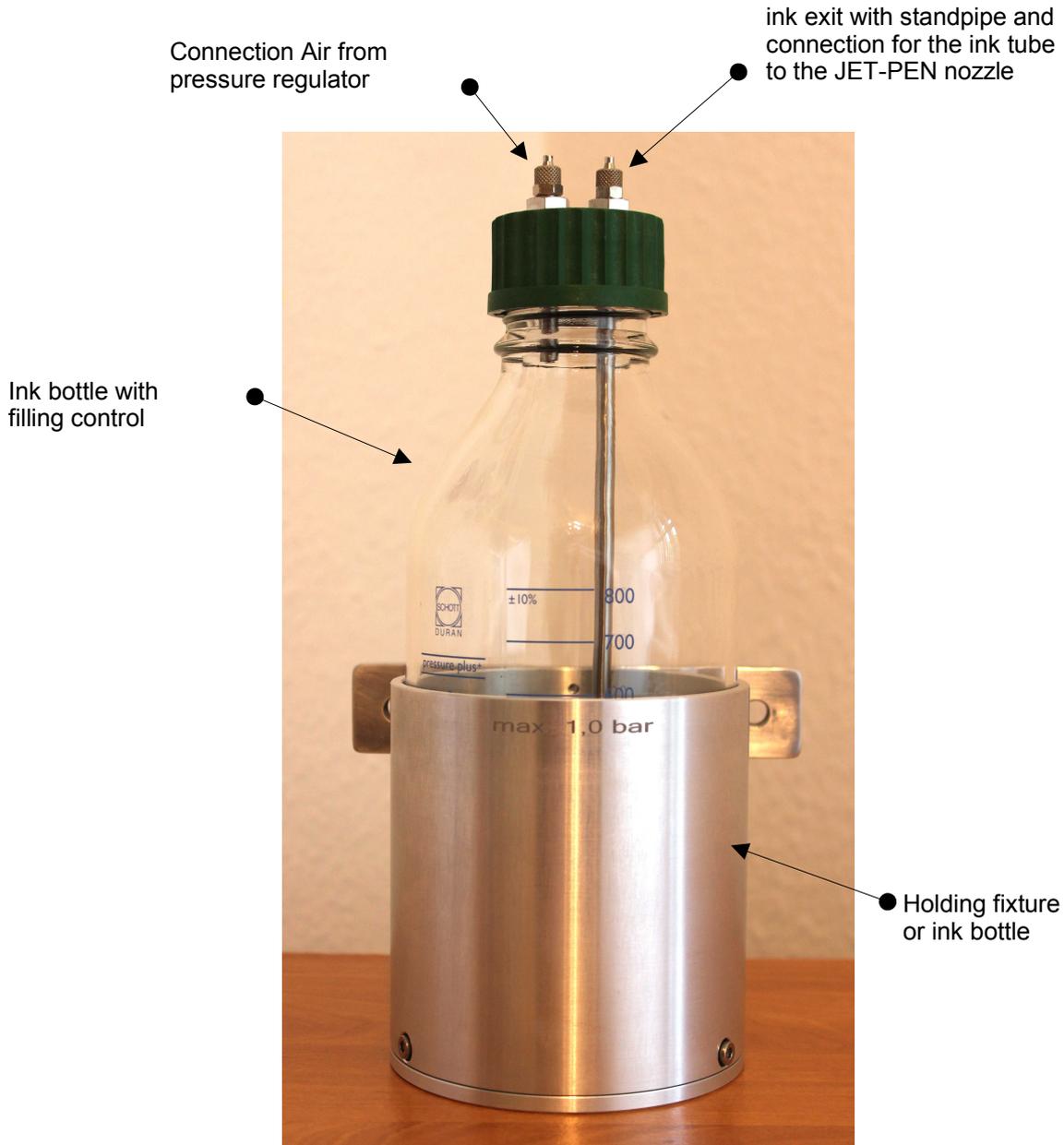
triggerconnection such as
a photoelectric cell, microswitch
and external signals , *voltage free*

Pin 1 = 0 V

Pin 3 = Signal 
only a short flash against 0V

Cable extension for
marking head JET-PEN

marking head JET-PEN



ATTENTION:

Looks that every time the ink tube and pressure tube must put on, before your are closing the ink-system or if you put pressure on the ink-system.

Put the glass bottle into the bottle holder, and close up the cab with the standpipe carefully.

Put pressure on the system with the pressure regulator

- a.) standard inks : between 0,5 and 0,7 bar
- b.) pigmented inks : between 0,5 and 0,8 bar for JET-PEN (DP)



Power adapter plug:
Pin 1= 12V
Pin 4= 0V

socket for trigger unit, 5-pin 240° such as a photoelectric cell, microswitch and external signals, voltage free

socket JET-PEN 3-pin

Pin 1 = 0 V

Pin 3 = Signal
only a short flash against 0V



Switch power supply
Switch on
⇒ all LEDs flashing in a row on and in reverse frequency off, the LED inside the switch are flashing
- 1 x: JET-PEN standard application
- 3 x: JET-PEN special application

alternative function
If you press and hold one of the buttons **dot size** or **dot distance**, when you are switch on, the control unit are inside the **PUSHMODE**, all 3 LEDs are flashing, you stop this mode only, if you switch off the control unit.

PUSHMODE
Special mode for a faster filling the JET-PEN with ink and cleaner

Button dot size
activate
press ⇒ red LED on
If you turn the button the dot size changed
parameter saving
press ⇒ red LED off

alternative function 1
press and hold
⇒ red LED on
Press button **dot distance**
⇒ green LED changed mode

green LED on = **duration mode**:
trigger signal on ⇒ PEN marks dots (dot lines)
trigger signal off ⇒ PEN stops

green LED off = **single dot mode**:
trigger signal ⇒ PEN marks only one dot

alternative function 2
press and hold
switch control unit on and wait
If the start frequency are totally finished and all 3 LEDs (red-green-red) are flashing
⇒ **PUSHMODE**.

Button dot distance
activate
press ⇒ red LED on
If you turn the button the dot distance changed
Parameter saving
press ⇒ red LED off

alternative function 1
press and hold
⇒ red LED on
Press button **dot size**
⇒ green LED changed mode

green LED on = **duration mode**:
trigger signal on ⇒ PEN marks dots (dot lines)
trigger signal off ⇒ PEN stops

green LED off = **single dot mode**:
trigger signal ⇒ PEN marks only one dot

alternative function 2
press and hold
switch control unit on and wait
If the start frequency are totally finished and all 3 LEDs (Rot-Grün-Rot) are flashing
⇒ **PUSHMODE**.