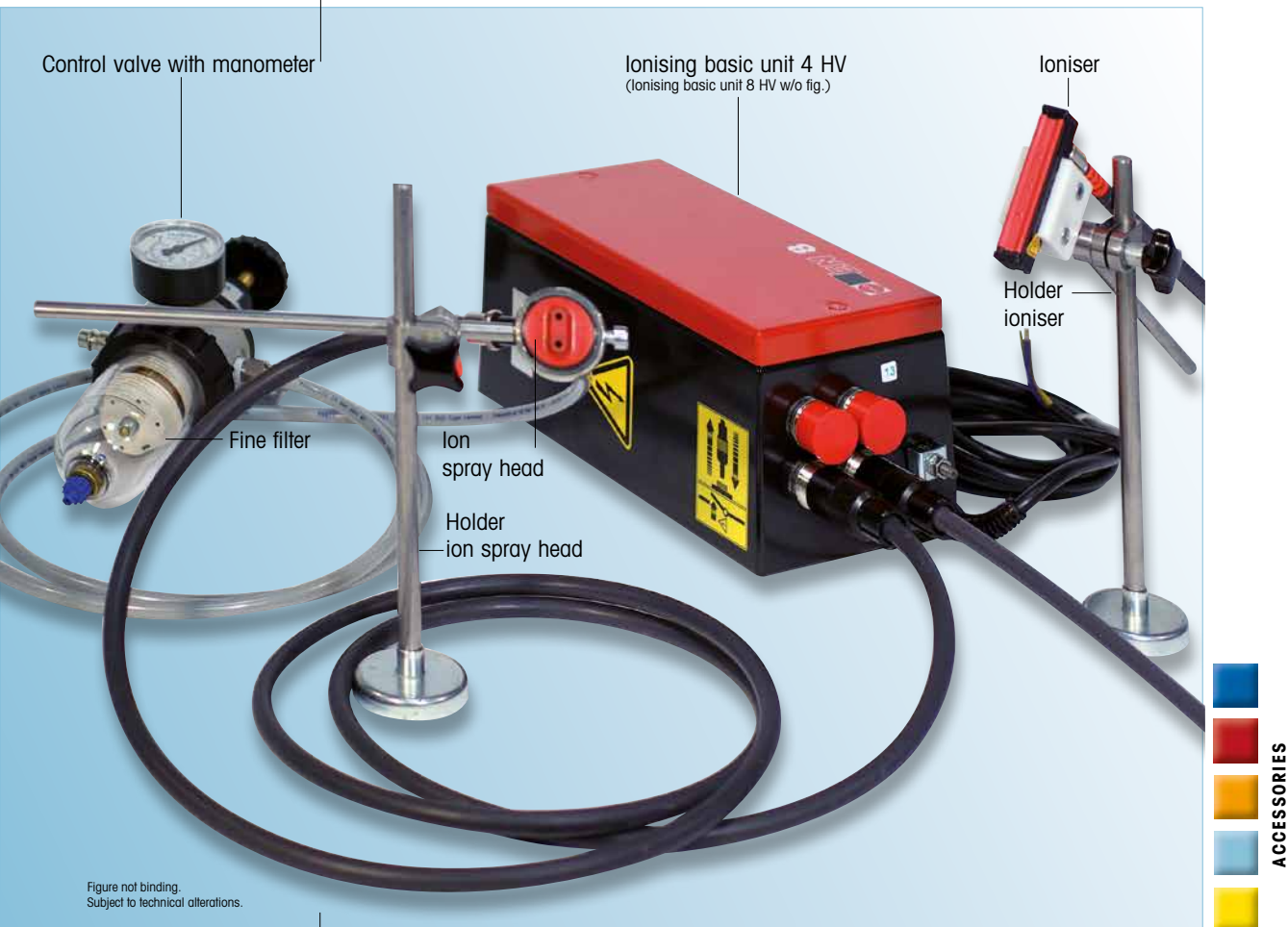


ACCESSORIES

IONISING UNITS



Neutralisation of the static charge of the pad surface

Removal of electrostatically charged dust particles on component surfaces

Neutralisation of the static charge of the components

ORIGINAL

TAMPOPRINT

Pad Printing Machines
ALFALAS® Laser Systems
Automations

Technical Description:

Ionising basic unit 4 HV / 8 HV:

For the connection of up to 4 or 8 ionisers or ion spray heads by means of high-voltage cable to screw plug connection, with ON/OFF switch and control lamp.

Ioniser:

Removes the electrostatic charge on pad surfaces and neutralises the static charge of component surfaces.

Ion spray head:

Ion spray head with compressed air support as well as two separate ion nozzles with release of positive or negative ions.

Blowing of electrostatically charged dust particles on the component surface and neutralisation of the static charge on component surfaces.

As well suitable for the fixed installation on feeding systems. Note: Control valve with fine filter is absolutely necessary.

Control valve with fine filter and manometer for low pressure:

Fine filter for the protection of the platinum electrodes in the ion generators as well as for the protection against further impurities of the component surfaces during blowing. (Attention: Use only uncoiled compressed air!)

Technical Data:

| Ionising basic unit | | 4 HV | 8 HV |
|-----------------------------------|----|----------------|----------------|
| Item no. | | 02 06 10 | 02 06 09 |
| Protection category | | IP 54 | IP 54 |
| Protection class | | I | I |
| Power supply | V | 115 / 230 | 115 / 230 |
| Power frequency | Hz | 50–60 | 50–60 |
| Power consumption | VA | approx. 50 | approx. 160 |
| Rated output voltage | kV | 7–8 | 7–8 |
| Short-circuit output current | mA | $(I_k) \leq 5$ | $(I_k) \leq 5$ |
| HV terminals | | 4 | 2 x 4 |
| Height | mm | 132 | 138 |
| Width | mm | 190 | 290 |
| Depth | mm | 245 | 245 |
| Weight | kg | approx. 5 | approx. 8,5 |
| Mains cable (fixed to the device) | m | approx. 2,6 | approx. 2,6 |

| Ionisers | Item no. | Item no. |
|------------------------------|----------|----------|
| Length 100 mm | 02 06 20 | 02 06 20 |
| Length 190 mm | 02 06 11 | 02 06 11 |
| Length 350 mm | 02 06 12 | 02 06 12 |
| Length 600 mm | 02 06 13 | 02 06 13 |
| Special lengths upon request | | |
| Holder ioniser | 23 86 26 | 23 86 26 |

| Ion spray head | Item no. | Item no. |
|-----------------------|----------|----------|
| Holder ion spray head | 23 86 27 | 23 86 27 |

| Control valve with fine filter and manometer for low pressure (Compressed air supply 6 bar) | Item no. | Item no. |
|---|----------|----------|
| | 23 86 28 | 23 86 28 |

Pneumatic hose not included in scope of supply.

Benefits:

- Imperfections in the print image because of loose dust particles on polluted surfaces are avoided.
- Paint splatters (threads) on the print image contours because of statically charged surfaces.
- Trouble-free printing process possible also with low air humidity (ideal over 60%).
- Particularly helpful with fully automatic parts feeding on TAMPOPRINT pad printing lines.

Please ask separately for spare parts list for your spare parts order and spare parts requirements.

mailto: salesparts@tampoprint.de



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