

## EFT

### Application:

EFT type PLC-controlled flame treatment units are suitable for use with the most diverse industrial applications due to their modular design and when used in combination with a suitably-dimensioned burner. They are mainly used for robot applications and for the pre-treatment of foils/cardboard packaging.

The unit generates a defined gas-air mixture which is brought to combustion.

The resulting flame plasma activates plastic, glass and metal surfaces in such a way that printing ink, paints, adhesives, etc, can be anchored to them.

### Design:

The unit comprises a pneumatic and an electric housing. The burner is connected to the unit by means of a flexible tube.

The air supply is obtained from an installed blower which enables the flame output to be adjusted to between 30% and 100%, for example. The air and gas flow are monitored by mass flowmeters, all process parameters are read out digitally and displayed on a touchpanel. The output and mixture can be set at the external interface.

### Technical Data:

Supply voltage:	230/400V, 50-60Hz
Connected elect. load:	0.4-3.5kVA
Air consumption:	100-3000l/min.
Gas consumption:	0.4-22.5m <sup>3</sup> /h natural gas
Compressed air connection:	6-8 bar
Unit output:	6-225kW
Treatment width:	according to customer specifications
Control:	Siemens S7
Interface:	Profibus, Ethernet

