Surface Mounting Equipment

SEF Electronic GmbH

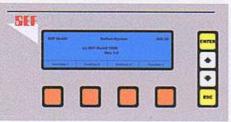## The Controller

- Heart is the 8 bits µP 80C51 with a battery backed-up real-time clock. This CPU covers all transducers, regulation outputs as well as interfaces for documentation and is mounted in sandwich style towards the multi-function panel.
  A user-friendly operating is ensured by only four function keys, whose respective status is displayed on the graphicable, CCFL illuminated LCD.

- The power electronics is completely placed on one module. A separate filter ensures that the application complies with CE standard. The power board is precautionary protected by a hardware security circuit, e.g. against temperature rise.

- The software allows the storage of up to 16 different programs and 8 temperature profiles. It covers not only the function programming and regulation mathematics, but also the interface drivers and an integrated profile determinations and interpretative program, whose data are graphically displayed. The respective machine geometry is considerd automatically.

- For the documentation a parallel printer interface in Centronics format is available. The transmission protocoll follows Epson ESC-P or HP. The printout of DEBIT/IS values, the current service status and temperature graphs is possible.

- Language selection: German, English, French (further on request)

- Measuring input: NiCr/Ni-K
  One sensor is included in the supply schedule.

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