



## LEISTER INTERFACE

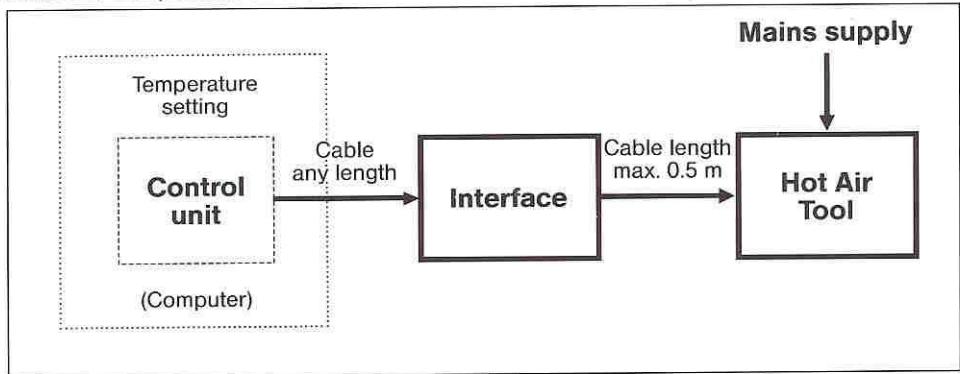
When the temperature setting of the hot air tool is not to be done with the built-in potentiometer but with an external control (computer control), a Leister Interface will have to be used. The control voltage (safety low voltage) is input by the control unit (computer). The Leister Interface guarantees a physical separation and protects the electronics in the hot air tool from excessive voltage, the result of which would otherwise be the destruction of the electronically protected element.

### TECHNICAL DATA

Mains supply: 220 V or 380 V, 50/60 Hz,  
 10 mA

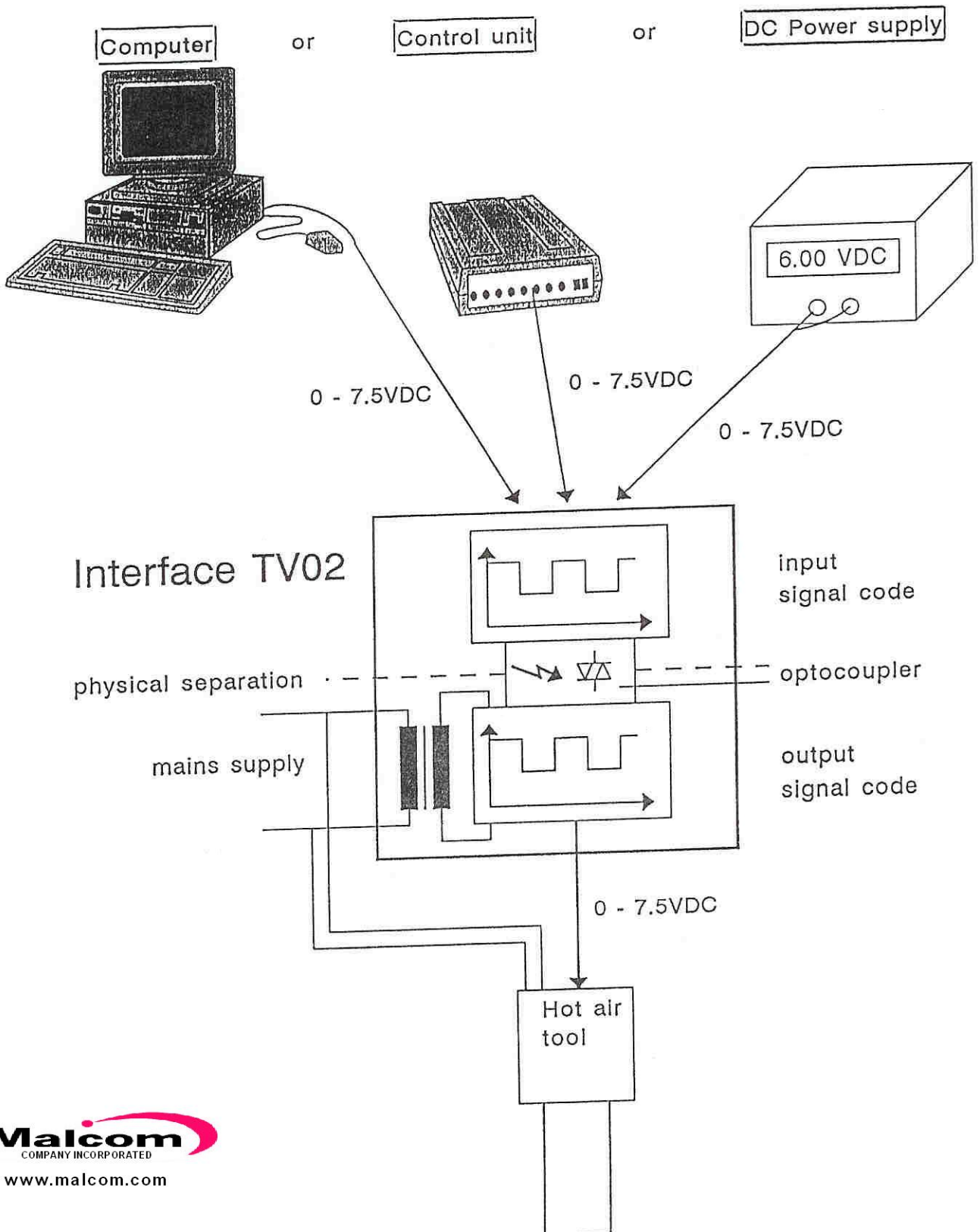
Ambient temperature: max. 50°C

Input: 0-7,5 V DC,  
 Output: 0-7,5 V DC, 2 mA

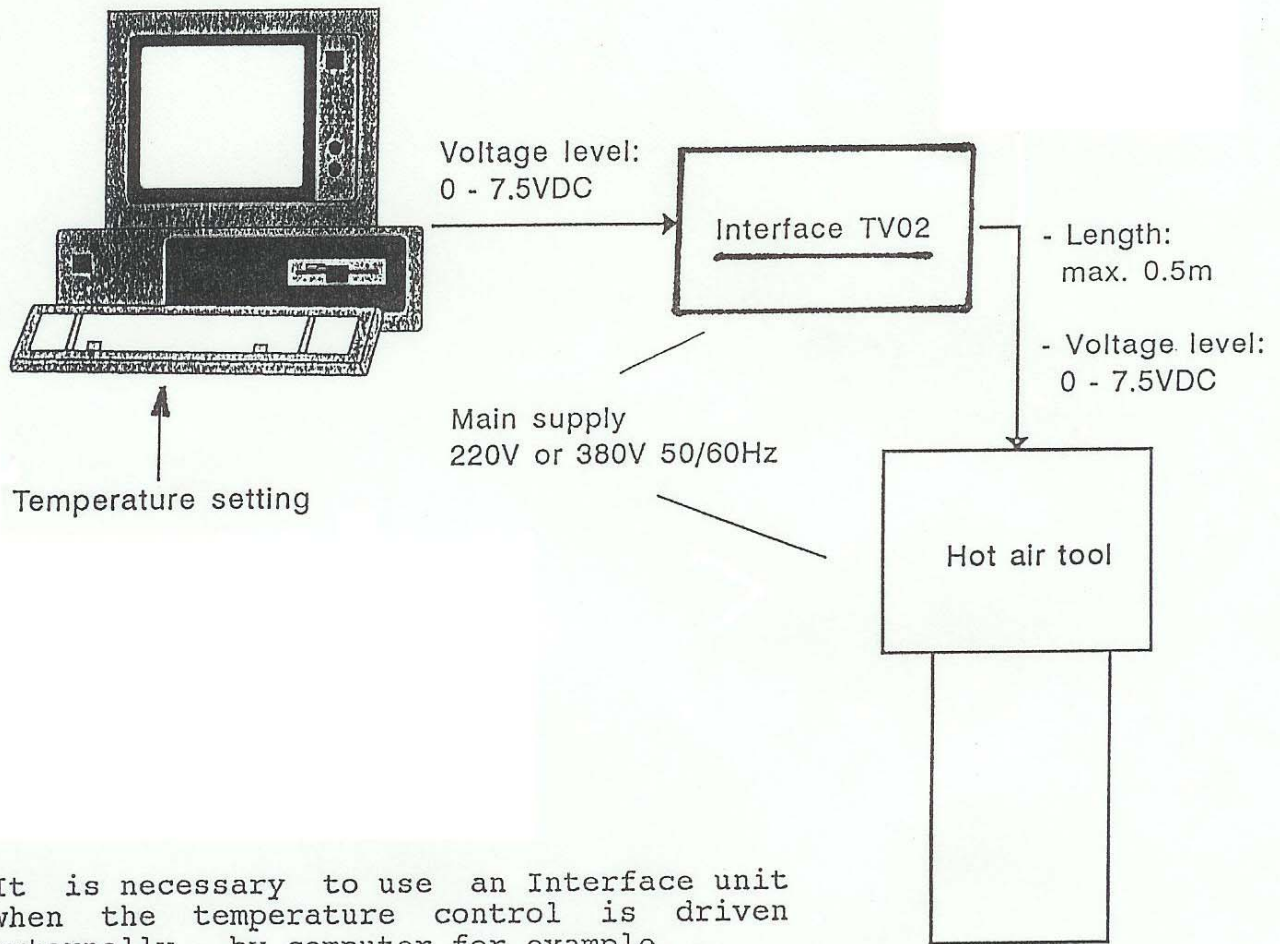


Installation of Leister Interface between computer control unit and hot air tool, when setting temper-

## 7. Blockdiagram of the TV02



4.2 Interface TV02



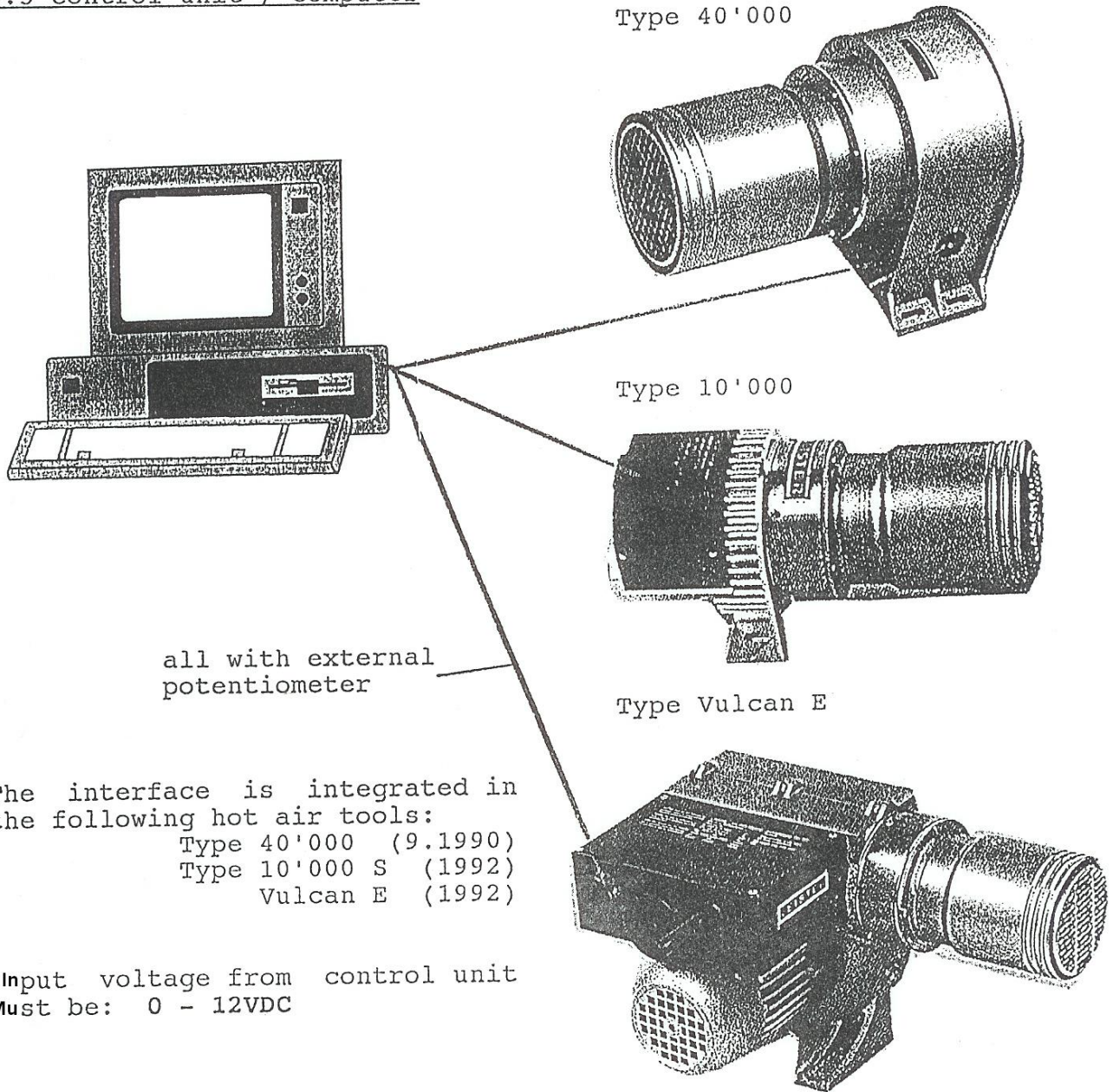
It is necessary to use an Interface unit when the temperature control is driven externally - by computer for example.

the interface ensures that the electronics in the hot air tool are protected from excessive voltage.

Important: - The input voltage from interface must be: analog voltage 0 - 7.5 V

- Ambient temperature: max 50°C

4.3 Control unit / Computer



all with external potentiometer

The interface is integrated in the following hot air tools:

- Type 40'000 (9.1990)
- Type 10'000 S (1992)
- Vulcan E (1992)

Input voltage from control unit  
Must be: 0 - 12VDC

Important: The external potentiometer modification should have leads shorter than 3 metres. Longer leads are susceptible to outside interference.

Application: The control unit can control the hot air, if used with a thermocouple (probe).