

SMARTHEAT SOLDERING SYSTEMS
NO CALIBRATION REQUIRED STATEMENT

OK International / Metcal Smartheat soldering/rework/de-soldering systems do not require calibration.

Smartheat soldering systems include:

MFR, MX, & PS-900 and obsolete system RFG-30, STSS - PS2E, PS-800, & SP200

A Smartheat soldering system is comprised of a power supply with either a

- 1) handpiece cord/solder tip cartridge or
- 2) handpiece cord/coil assembly/solder tip.

Each Smartheat soldering cartridge or tip contains a self-regulating heater element. The heater temperature is set by the chemical composition of the heater alloy material. It cannot be adjusted, and does not require any adjustment.

Solder cartridge/tip lines include:

STTC, SMTC, STDC, TATC, PTTC, SSC, PHT, SxP, RxP, DxP, TxP, SxV, CxV

Temperature control in a Smartheat system is regulated by the inherent physical properties of the heater element material in the solder cartridges and tips. There are no adjustments to be made to the power supply, handpiece cord or coil assembly.

As there are no adjustments for the Smartheat system, no calibration is required.

Verification of Smartheat systems can be done by using either a net power meter (NPM) or a system performance load test. Please contact OK Technical Service at support@okinternational.com for more information on system verification.

Smartheat solder station maintenance is limited to cleaning and re-tinning of the tip during use.

Sincerely,

Jimmy Guo

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Quality Engineering Manager