

UPT-640 ^{GB}
(as of SW 100)

Operating Instructions



Ropex Cirus UPT-640

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The UPT-640 temperature controller is a key component in an ULTRA-PULSE system, because it is responsible for all heat management functions, i.e. controlling the temperature of the heating element and ensuring that this highly dynamic impulse heatsealing method is accurately timed.

Important features

- Microprocessor technology
- LC display (green), 4 lines, 20 characters, (multilingual)
Alternatively:
VF display (blue), 4 lines, 20 characters, (multilingual)
- Automatic zero calibration (AUTOCAL)
- Automatic configuration of the secondary voltage and current ranges (AUTORANGE)
- Booster connection as standard
- Heatsealing band alloy and temperature range selectable
- Time control, heatsealing time and cooling time settable
- Externally or internally generated release impulse with programmable parameters
- Configurable relay output, e.g. "end of cycle"
- Time or temperature-controlled cooling phase
- Signal output for "Temperature OK"
- 0...10VDC analog input for set point selection, electrically isolated
- 0...10VDC analog output for ACTUAL temperature, electrically isolated
- 24VDC control inputs for START, AUTOCAL, RELEASE and RESET, electrically isolated
- Alarm function with fault diagnosis
- Cooling system monitored