

TECHNICAL SPECIFICATION

Customised Heat Treatment Modules and Units

Stork Cooperheat's heat treatment modules and units are world renowned for reliability, safety, versatility and conformance to European safety standards .

Our equipment designs are based upon extensive global experience in the heat treatment service industry and feedback from more than a thousand customers around the world. We have developed a unique range of equipment that delivers efficient heat treatment solutions to meet a variety of industries needs.

Units include:

- Six channel, 50 kVA and 70 kVA heat treatment modules and units
- 3 and 6 channel, 9 kVA, Cooper-k9 series of portable heat treatment modules and units
- 50 kVA, 36 channels, Cooper36 heat treatment module for small diameter pipe welds

In addition to our standard modules and units, we also deliver bespoke equipment design with customised adaptations to meet specific client requirements to meet construction preferences, safety compliance and industry standards.

Common optional criteria we regularly support are :

- **Output channel:** Up to 120 output channels per unit, typical supplied are 3, 6, 9 and 12 channels.
- **Input supply:** All single and three phase global standard supply voltages.
- **Output voltages:** Typical:10V, 15V, 30V, 40V, 48V, 60V, 80V, 110V, 220V, 240V
- **Output switching:** Contactor on/off or analogue solid state output control.



- **Recorders Type:** Digital, analogue or paperless recorders available.
- **Recorder Channels:** Single channel, up to 36 channels have been supplied. Our standard models are 12 channel recorders.
- **Case:** Stainless steel or painted mild steel cases in optional colours.
- **Mounting:** Nylon or rubber wheeled, skid mounted, trailer, or mobile cabin mounted.
- **Instrument Protection:** Doors with or without instrument observation window.
- **Temperature programmers and controllers:** Cooper8 Advantage3, Standard Temperature Controller, energy regulator and P256.
- **Additional Monitoring Instruments:** Ammeters, Voltmeters, kW hour meters,
- **Alarms:** Thermocouple open circuit, heater burnout, deviation from set point, temperature differential and over temperature
- **Alarm Types:** Visual, audible or automatic text message to mobile phone alarms