veelo
TECHNOLOGIES

HEAT

veelo CONTROLLER

VeeloHEAT Controller provides precise temperature control for a variety of out-of-autoclave heating solutions.

FEATURES

- Simplified touchscreen user interface, tailorable to customer need and use-case
- Cloud based for improved efficiency, access, and over-the-air software updates
- Data storage locally, to USB-connected device, or to the cloud
- Auto alert features to improve control and help prevent over temp occurrences
- User peripherals options available (monitor, mouse, keyboard, TC expansion, dot matrix printer)
- Custom user profiles: preferences, cure-profiles
- Auto-tuning capability
- Form factor options
  - Integrated electrical vacuum option
    - Integrated pressure sensor option

1-Zone Hot Bonder

APPLICATIONS

- Composite repair
- Composite bonding
- Heated debulk
- Out-of-autoclave composite processing
- Thermoplastic consolidation
- Heated tooling
- Custom heated solutions

Optimizing Process Controls for Composite Manufacturing & Repair

USING A PC-BASED MICRO-CONTROLLER ARCHITECTURE, THIS DIGITAL IOT CONTROLLER BRINGS OPTIMAL PROCESS CONTROLS FOR HEATING APPLICATIONS.

VeeloHEAT Controller	
UL rated	
1–16 channels in a compact form factor *	
Voltage	5V–48V DC, or 120–480V AC available options

* Higher number of channels and custom solutions available

BENEFITS

- Cost-effective heating control solutions
- Reduced setup time when used in conjunction with VeeloHEAT Blanket
- Improved thermocouple reliability when used in conjunction with VeeloHEAT Blanket
- Intuitive user interface reduces training time
- Power monitoring

16-Channel Console Controller