

ATaPSI Integrated Vacuum & Temperature Control

[Product Features]

Real-Time Monitoring

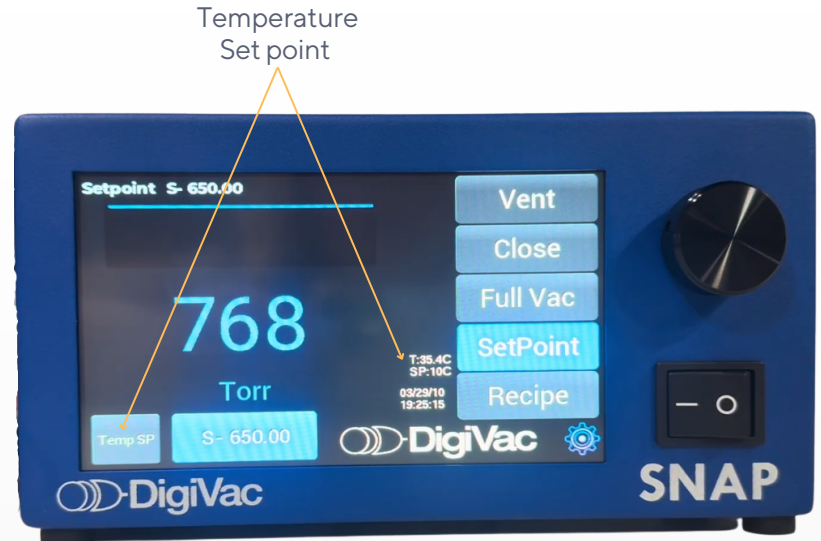
- Chamber pressure
- Chamber temperature
- Recipe progress
- Remaining process time
- Current process step

Connectivity

- RS232 PLC integration
- DVCUP command support
- Optional Torch Data Logger compatibility
- Optional RSLogger compatibility
- USB export capability

Why Choose ATaPSI?

- Unified vacuum & temperature control
- Simplified operator interface
- Automated process recipes
- Real-time monitoring & logging
- PLC & automation ready
- Designed for industrial vacuum environments



Simplify Vacuum Oven Processing with a Single Intelligent Interface

The ATaPSI (Automated Temperature and Pressure with a Single Interface) solution combines vacuum control, temperature monitoring, recipe automation, and process logging capability into one integrated platform for vacuum oven and furnace applications. Designed around the DigiVac SNAP Vacuum Controller and Eurotherm 3204 temperature controller, ATaPSI delivers repeatable process control with simplified operation and scalable automation capabilities.

ATaPSI Integrated Vacuum & Temperature Control

Integrated Process Control – All in One System

The SNAP Controller communicates directly with the Eurotherm 3204 temperature controller while simultaneously managing vacuum setpoints through its External DPP wide-range vacuum sensor. ATaPSI provides centralized monitoring and control of:

- Vacuum pressure
- Chamber temperature
- Automated recipes
- Data logging
- RS232 / PLC communication

Recipe Capabilities

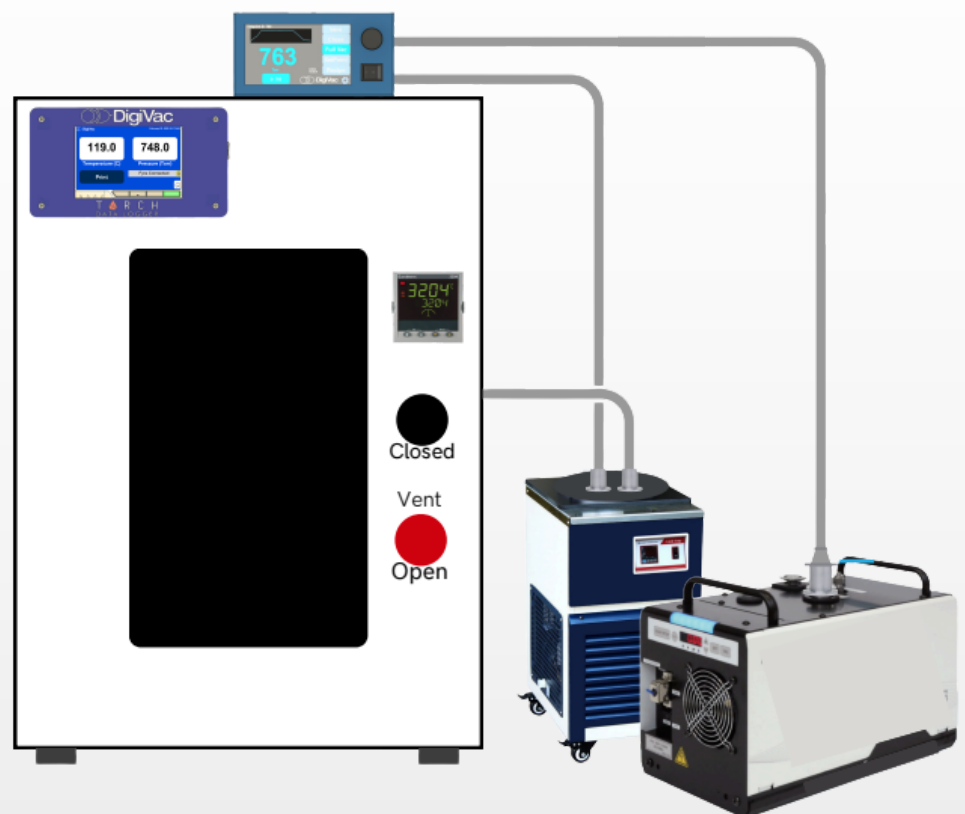
- Up to 5 recipes
- Up to 80 steps per recipe

Each step includes:

- Vacuum setpoint
- Temperature setpoint
- Ramp or hold mode
- Step duration (M/S)

Control Modes

- Vent
- Close
- Full Vacuum
- Setpoint Control
- Recipe Automation



Process Automation Made Easy

ATaPSI supports advanced recipe-based processing directly from the touchscreen or remotely through RS232 commands.

Applications

Designed for Repeatable Vacuum Processes Ideal for: Vacuum drying, Thermal vacuum processing, Materials testing, Solvent removal, Degassing applications, Controlled atmosphere processing