

3 Zone Temperature Controller

A furnace is only as precise as its control system. ATS has strived to provide complete, accurate temperature control systems such as the ones used on our world-renowned creep testing machines. ATS has developed a simplified standalone unit, the 3-zone temperature controller, for those wanting better control of their test specimens.

The customer's temperature recorder will monitor the thermocouples attached to the test specimen. The user can manually adjust each zone to reach the uniformity requirements needed. Once set, the 3 zone temperature controller runs to the desired setpoint temperature and will continue to meet the uniformity requirements time after time. Based on the same sample size and material, this adjustment will work over a wide temperature range.



Features

- Accurate controls
- Excellent temperature uniformity
- Fast heat-up rates
- Simple to use
- Repeatability

Product Specifications

| | |
|--------------|--|
| Control | Programmable or setpoint |
| Furnace Type | 3 zone resistance |
| Voltage | 115, 208, or 230 volt |
| Amerpage | Up to 48 amps |
| Weight | 32 lbs. (14.5 kg) |
| Size | 17 in. W x 12 3/4 in. H x 20 in. D (432mm x 323mm x 508mm) |