

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

**Artisan Technology Group**
(217) 352-9330 | sales@artisantg.com | artisantg.com

**Full-service, independent repair center**
with experienced engineers and technicians on staff.

**We buy your excess, underutilized, and idle equipment**
along with credit for buybacks and trade-ins.

**Custom engineering**
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

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# S&A

# 4350 TEMPERATURE TEST CHAMBER

- **Temperature can easily be set, stepped, and slewed**
- **Multiple user-defined temperature tables can be stored in memory**
- **Full 20-character by 4-line alpha/numeric display and keypad**
- **Actual measured temperature displayed**
- **Failsafe sensor with easily set limits**
- **Over-temperature sensor protects against thermal run-away**



- **Remote operation via IEEE-488 bus or RS-232C communication link**
- **TTL I/O lines for remote device control**

## SPECIFICATIONS

**Temperature Range:**

- 55° to +200° C / $LCO_2$
- 65° to +200° C / $LN_2$

**Rate of Temperature Change** (Unloaded)**:**

30° C / min.(115V), 60° C / min. (230V)

**Stability:**

± 0.20° C

(including effects of line voltage, ambient temperature between 15° and 45° C, and aging)

**Uniformity:**

± 0.3° C from -40° to +80° C

± 1.5° C Max. from -65 to -40° C and 80° to 200° C

(Measurements taken from within 1" [2.54 cm] from chamber walls)


## SAUNDERS & ASSOCIATES, LLC

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## TEMPERATURE CONTROL

- **Resistance of platinum resistance sensor converted to digital values**
- **Internally stored mathematical polynomials convert digital values to temperature**
- **Calibrated digitized temperature compared to user-set temperature**
- **Four-point calibration provides greater accuracy**

## FIXTURE OPTIONS

- **Windows, feed through cabling, edge-card connections, or cable ports customized to user specifications**

## CHARACTERISTICS

**Voltage:**

190-250 VAC, 50-60 Hz, 4.6 KVA maximum or 95-125 VAC, 50-60 Hz, 2.3 KVA maximum

**Dimensions:**

| Internal: | External: (excluding latches and hinges) |
|---|---|
| 12.00 inches wide (30.5 cm) | 18 inches wide (45.7 cm) |
| 12.00 inches deep (30.5 cm) | 25 inches deep (63.5 cm) |
| 8.00 inches high (20.3 cm) | 15 inches high (38.1 cm) |

**Weight:**

45 lbs. (20.4 kg.)

**Coolant Options:**

$LCO_2$ or $LN_2$

**$LCO_2$ Usage:**

7 lbs/hr at -55° C, typical

# SAUNDERS & ASSOCIATES, LLC

**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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