

Tecal 425H Mid Temperature Range Dry Block Calibrator

The Tecal 425H includes a multiwell insert, NIST traceable calibration certificate and "Techneworks" software on CD with RS232 cable.



| Tecal 425 Technical data | | | |
|--|------------------------------------|-------------------------------|----------------------------------|
| Minimum temperature above ambient | <i>20°C Above ambient</i> | Cooling rate 400°C to 100°C | <i>25 min</i> |
| Maximum temperature | <i>425°C</i> | Programmable ramp rate °C/min | <i>0.1 to 25</i> |
| Temperature accuracy in measuring zone | <i>+/-0.3°C</i> | | |
| Temperature uniformity in measuring zone | <i>+/-0.2°C¹</i> | Switch test | <i>Yes</i> |
| Measuring zone | <i>0 to 50mm from base of well</i> | Fan cooling | <i>Automatic</i> |
| Temperature stability after 10 mins | <i>+/-0.05°C</i> | Comms port, 9 way D-type | <i>Full bi-directional RS232</i> |
| Display resolution | <i>0.1°C or 0.1°F</i> | Weight (lbs) | <i>20.0</i> |
| Heating rate, 20°C to 400°C | <i>15 min</i> | Dimensions H x W x D mm | <i>285 x 190 x 426</i> |
| Warranty | 3 year parts and labor | | |
| ¹ At 400°C | | | |

Ordering Information

| <u>Catalog #</u> | <u>Model</u> | <u>Voltage</u> | <u>Hz</u> | <u>Watts</u> | <u>Weight lbs.</u> |
|------------------|--------------|----------------|-----------|--------------|--------------------|
| 3026800 | Tecal 425H | 230V | 50/60 | 700 | 21 |
| 3026200 | Tecal 425H | 120V | 50/60 | 700 | 21 |

Inserts for the Tecal 425

| <u>Catalog Number</u> | <u>Description</u> | <u>Weight</u> |
|-----------------------|---|---------------|
| 7032533 | Insert 5 x 1/4" probes | 13oz |
| 7032534 | Insert 3/8" + 5/16" + 1/4" + 3/16" + 1/8" probe | 13oz |
| 7032535 | Insert 2 x 3/8" + 2 x 1/4" probes | 13oz |
| 7032536 | Insert 2 x 1/2" + 2 x 1/4" probes | 13oz |
| 7032537 | Insert 1 x 1/4" probes | 13oz |
| 7032538 | Insert blank | 13oz |
| 7032574 | Insert 1 x 9/16" + 1 x 1/4" probe | 13oz |
| 7032575 | Insert 1 x 5/8" + 1 x 1/4" probe | 13oz |
| 7032576 | Insert 1 x 11/16" + 1 x 1/4" probe | 13oz |
| 7032577 | Insert 1 x 3/4" + 1 x 1/4" probe | 13oz |

Accessories

| <u>Catalog Number</u> | <u>Item</u> | <u>Voltage</u> | <u>HZ</u> | <u>Watts</u> | <u>Weight lbs.</u> |
|-----------------------|-------------------------------------|----------------|-----------|--------------|--------------------|
| 7032395 | Cooling probe for Tecal 425 and 650 | | | | |