Automated Thermometry Bridge



Tuote

Tuotekoodi: 6020/5000

Tekniset tiedot

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Experience Precision Like Never Before with the AccuBridge® 6020T Thermometry Bridge
Engineered for the highest levels of accuracy, the AccuBridge® 6020T is the trusted standard for primary temperature measurements in leading National Measurement Institutes and top-tier laboratories worldwide.
Combining ultra-fast speed, exceptional measurement precision, and effortless data integration, the 6020T sets a new benchmark in thermometry. Its advanced ampere-turn sensitivity and innovative voltage feedback circuitry significantly reduce linearity error, enhancing measurement confidence and repeatability.
With a broad ratio range from 0.1 to 14, the 6020T offers the flexibility and performance required for today's most demanding applications. Whether you're conducting critical research or calibrating standards, the AccuBridge® 6020T delivers the accuracy and reliability you need.
Set the standard in your lab with the AccuBridge® 6020T — where innovation meets precision.

Feature	Benefit
Best accuracy ± 0.015 ppm from 1 Ω to 10 kΩ (equivalent accuracy of 0.004 mK at TPW[1]).	Highest level of accuracy achievable in a commercial DCC bridge.
0.1 Ω to 100 kΩ range.	Widest range providing customers with one bridge solution.
6-channel front panel scanner with keep warm currents. [2]	Customers do not need to purchase an additional scanner.
Quick measure mode.	Provides you with the ultimate response time for the first measurement, less than 25 seconds.
Current reversal rate as low as 2 seconds.	Gives you the world's quickest DC bridge current reversal time of 2 seconds.
Store calibration coefficients for up to 5 thermometers without software aide.	Allows internal memory storage for quick front panel measurements.
NEW 6020T-P-LEMO model with Lemo connectors for RT and Rs connections.	Improves confidence in removal of errors due to thermals, drafts, external noise.

[1] When measuring a 25.5 Ohm SPRT, 1 mA current.
[2] Only available on 6020T-P and 6020T-S models