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Data Sheet

August 15, 2026

GUILDLINE

Guildline 9730CR4 Constant Temperature Oil Bath

Guildline 9730CR4 Constant Temperature Oil Bath Queue model 9730CR4 is the Guildline 9730CR constant-temperature oil bath used with Guildline 9230A DC current shunts. OEM 9230A datasheet cites Guildline 9730CR or 5010 oil baths for immersed shunt operation, with 9730CR tank approximately 24 by 15 by 9 inches. Guildline later replaced the 9730 line with 5600-series fluid baths (oil 5 C to 55 C, set-point plus or minus 0.01 C / 24 h and plus or minus 0.05 C / 1 year, 0.0001 C resolution, oil stability plus or minus 0.0015 K at 23 C plus or minus 2 C). 9730CR4 is the remaining-queue 9730CR variant; finer stability of the 9730CR itself is on the 9730 instruction sheet, not copied from 5600. Queue model 9730CR4 is the Guildline 9730CR constant-temperature oil bath used with Guildline 9230A DC current shunts. OEM 9230A datasheet cites Guildline 9730CR or 5010 oil baths for immersed shunt operation, with 9730CR tank approximately 24 by 15 by 9 inches. Guildline later replaced the 9730 line with 5600-series fluid baths (oil 5 C to 55 C, set-point plus or minus 0.01 C / 24 h and plus or minus 0.05 C / 1 year, 0.0001 C resolution, oil stability plus or minus 0.0015 K at 23 C plus or minus 2 C). 9730CR4 is the remaining-queue 9730CR variant; finer stability of the 9730CR itself is on the 9730 instruction sheet, not copied from 5600. Oil immersion of Guildline 9230A-class DC shunts and oi



MODEL Guildline 9730CR4	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 9730CR4	LISTING https://aumictechlabs.com/products/9730cr4-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Guildline 9730CR4 is a precision current shunt meticulously engineered for accurate current measurement in demanding calibration and metrology environments. Featuring exceptional stability and a low-temperature coefficient, this shunt guarantees reliable and consistent performance across a broad spectrum of operating conditions. Its solid construction and high-quality materials ensure long-term durability and minimal drift, making it an ideal choice for critical current measurement applications where precision and reliability are paramount.

9730CR4 Characteristics / Specifications

PARAMETER	VALUE
Model	9730CR4
Base Model	9730CR
Instrument Type	constant temperature oil bath
Tank Size Class	approximately 24 × 15 × 9 inch (9230A literature)
Fluid	oil (metrology oil bath)
Shunt Companion	Guildline 9230A DC current shunts specified for 9730CR or 5010 immersion
Sibling Bath	Guildline 5010 constant temperature oil bath
Successor Family	Guildline 5600 precision fluid/oil baths
Successor Oil Range	5 C to 55 C oil on 5600 (not claimed as 9730CR)
Manufacturer	Guildline Instruments
Literature	Guildline 9230A DC current shunt datasheet citing 9730CR; Guildline 5600 successor bath datasheet
Family	Guildline 9730CR oil baths
Form Factor	laboratory oil bath
System Role	constant-temperature oil immersion for shunts and resistors
Application Class	DC current and resistance metrology
Brand Lineage	Guildline Instruments
Use Case	reduce 9230A self-heating versus air operation
Documentation Type	OEM 9230A citation of 9730CR plus 9730CR4 queue identity
Bath Class	constant temperature oil
Variant	9730CR4 remaining-queue suffix
Replacement Path	5600-50L / 75L / 100L / 300L fluid baths
Sensor Class	PRT control on successor 5600; 9730CR sensor on 9730 sheet
Cover Class	removable tank access on Guildline bath line
Metrology Class	NMI and standards-lab oil bath

PARAMETER	VALUE
Immersion Class	oil immersion of 9230A elements
Air Contrast	9230A also offers 92310 forced-convection air accessory at up to 100 W
Queue Title	Guildline 9730CR4 Constant Temperature Oil Bath

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

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Queue Title	Guildline 9730CR4 Constant Temperature Oil Bath

Notes

From Guildline 9230A datasheet (9730CR / 5010 oil baths, tank approximately 24 x 15 x 9 inch). 5600 numeric stability is successor-family context only and is not assigned as 9730CR4 performance. 9730CR set-point accuracy is on the 9730 instruction sheet.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.