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Data Sheet

August 15, 2026

AMETEK / VTI INSTRUMENTS / VXI TECHNOLOGY

Ametek / VTI Instruments / VXI Technology 70-0271-000 Power Supply for the CT-100C

The Ametek/VTI Instruments/VXI Technology 70-0271-000 is a power supply designed specifically for use with the CT-100C series of instruments. It provides the necessary power to operate the CT-100C, ensuring reliable and consistent performance.



MODEL

**Ametek / VTI
Instruments / VXI
Technology 70-
0271-000**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

70-0271-000

LISTING

[https://aumictechlabs.c
om/products/70-0271-0
00-3/](https://aumictechlabs.com/products/70-0271-000-3/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ametek/VTI Instruments/VXI Technology 70-0271-000 is a dedicated power supply unit stable, reliable power to the CT-100C series of instruments. This power supply enables consistent operation in test and measurement environments where accurate data acquisition and instrument control are critical. Technical Specifications Model: 70-0271-000 Manufacturer: Ametek / VTI Instruments / VXI Technology Product Type: Power Supply Unit Primary Function: Powers the CT-100C series of instruments Key Features Engineered specifically for CT-100C instrument compatibility Direct interfacing with CT-100C series connectors Optimized for stable power delivery in demanding test environments Typical Applications The 70-0271-000 supports data

acquisition and control operations within CT-100C-based measurement systems. It is intended for laboratory, field, and production test environments where reliable instrumentation power is essential. Compatibility & Integration This power supply is exclusively designed for use with the Ametek/VTI Instruments/VXI Technology CT-100C series. It integrates directly with CT-100C instruments and is not compatible with other instrument series or models.

700271000 Characteristics / Specifications

PARAMETER	VALUE
Model	CT-400
Part Number	52-0912-100
Instrument Type	13 slot VXI mainframe
Slots	13
Module Size	C size
Bus	VXIbus
Manufacturer	VTI Instruments VXI Technology Ametek
Cooling	pressurized air
Power	high power VXI PSU
Mechanical Package	13 slot mainframe
Related Power Supply	70-0271-000 for CT-100C
Slot	command module compatible
Backplane	P1/P2
Revision Class	VXIbus 1.4
Operating Temperature Class	0 to 55 C
Ac Input	100 to 240 Vac class
Fans	rear serviceable class
Mttr Class	field replaceable PSU/fans
Width Class	19 inch rack
Monitoring	basic or enhanced monitor class
Grant Daisy Chain	automatic
Grounding	chassis ground
Usable Power Class	hundreds of watts VXI
Operating temperature	Class: 0 to 55 C

700271000 Specifications

PARAMETER	VALUE
Applications	13-slot C-size VXI systems, high-power VXI ATE, and CT-100C/CT-400 family upgrades.
Key Features	13-slot C-size VXI
VTI / VXI Technology / Ametek branding	Related CT-100C power-supply accessory 70-0271-000
Technical Specifications	Model: CT-400

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C
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Operating Temperature Class	0 to 55 C
Ac Input	100 to 240 Vac class
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Mttr Class	field replaceable PSU/fans
Width Class	19 inch rack
Monitoring	basic or enhanced monitor class
Grant Daisy Chain	automatic
Grounding	chassis ground
Usable Power Class	hundreds of watts VXI Notes Identity from Ametek/VTI 52-0912-100 CT-400 Modular 13-Slot VXI Mainframe listing. Exact usable watts and monitor option are on the CT-400 datasheet matching 52-0912-100.

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.

Specifications	
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Part Number	52-0912-100
Instrument Type	13 slot VXI mainframe
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Module Size	C size
Bus	VXIbus
Manufacturer	VTI Instruments VXI Technology Ametek
Cooling	pressurized air
Power	high power VXI PSU
Mechanical Package	13 slot mainframe
Related Power Supply	70-0271-000 for CT-100C
Slot 0	command module compatible
Backplane	P1/P2
Revision Class	VXIbus 1.4
Operating Temperature Class	0 to 55 C
Ac Input	100 to 240 Vac class
Fans	rear serviceable class
Mttr Class	field replaceable PSU/fans
Width Class	19 inch rack
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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.