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

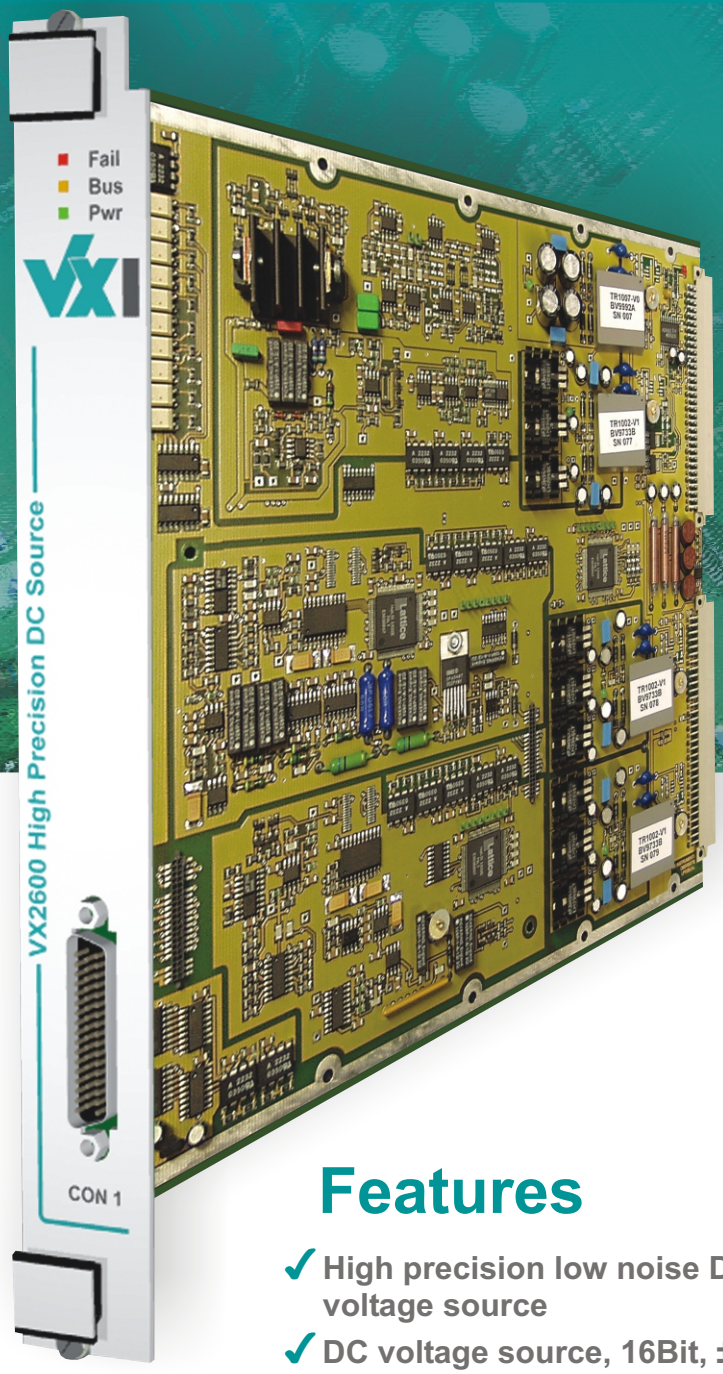
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *VX Instruments VS2600* at our website: *Click HERE*

VXI Instruments®
the test solutions provider

VX2600 High Precision DC Source



Features

- ✓ High precision low noise DC reference voltage source
- ✓ DC voltage source, 16Bit, ±10VDC, ±5mADC
- ✓ Available with 4, 8 or 12 outputs
- ✓ Fully isolated and floating outputs
- ✓ Design for high speed testing
- ✓ Firmware update via VXI-Bus interface
- ✓ Digital calibration

VX2600 High Precision DC Source

Product information:

The VX2600 High Precision DC-Source is designed to generate precise and low noise reference voltages of high stability. The output voltage of each channel is programmable. The VX2600 is available with 4, 8 or 12 output channels. Each group of 4 uses the same common ground which is floating against PE. All internal supply voltages are generated with special designed DC/DC converters with extremely low noise.

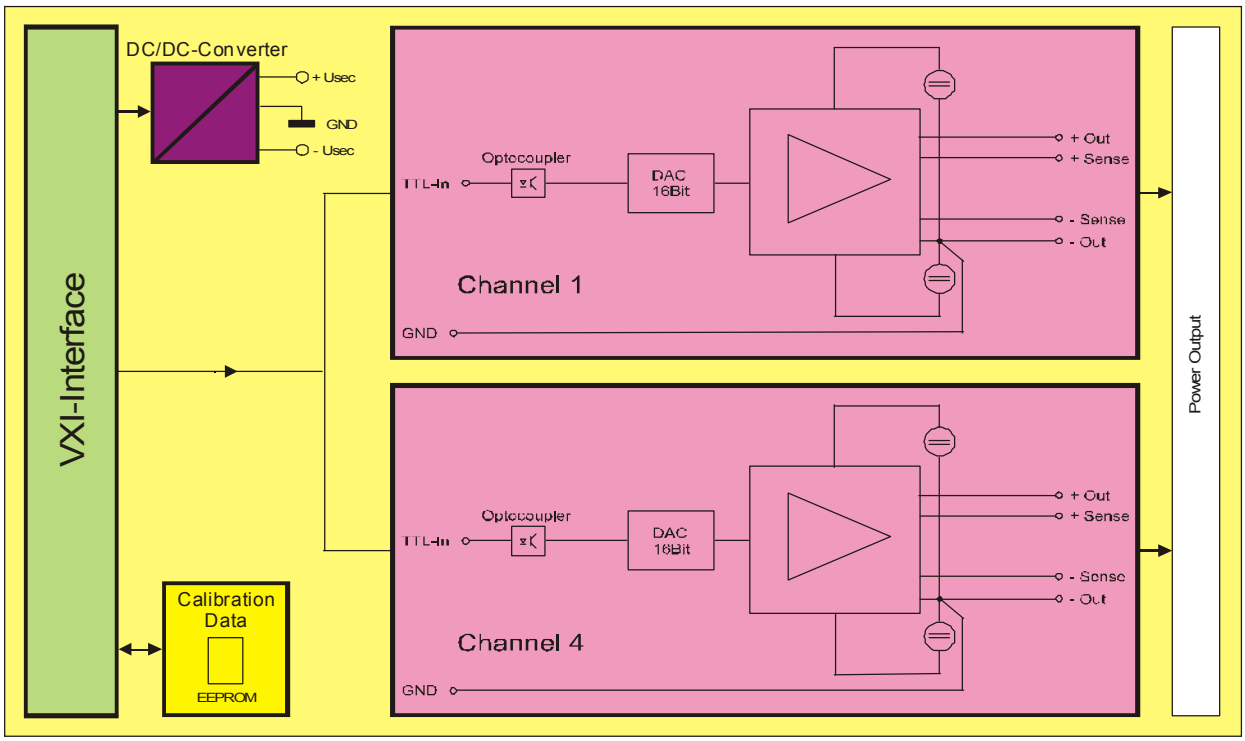
The VX2600, C-size single slot register based VXI module, is designed for high throughput testing.

For safety reasons the VX2600 does support the following build-in security features required in automatic testing:

- Auto-Sensing. If the sense line is not connected the output will be used as the sense point automatically.
- Broken sense line. The output voltage will be reduced about the voltage drop across the load line automatically.
- Shorted sense line. The output voltage will be limited to 1,4V above programmed value.

The internal microprocessor is equipped with an internal flash memory. New firmware can be downloaded via the VXI-Bus. This guaranties module updates "on the fly". The instrument calibration is done digital and fully automatic. The calibration data are stored in on-board EEPORM.

Functional block diagram:



All product data(1) are specified for an ambient temperature of 23°C ± 5°C, after 1 hour warm-up time

General	Specification	Comment
Number of outputs	4, 8, or 12	outputs can be incremented in groups of 4
Standard	4	each group of 4 outputs has its own common ground which is floating against PE
Option A	8	
Option B	12	
Module size		
Height	VXI C-size	
Width	1 slot	
Maximum voltage between pins	$60V_P$	max. voltage between any connector pin and earth
Operating temperature range	0 - 50°C	
Test voltage	$500V_{DC}$	output voltage to chassis (PE)

DC Voltage Source	Specification	Comment
Resolution	16Bit	
Output voltage	$-10V_{DC}$ … $+10V_{DC}$	
Maximum output current	±5mA	
Accuracy		
Gain-Accuracy	0,02%	of programmed value
Offset-Accuracy	0,02%	of full scale
Temperature drift	5ppm	
Load regulation	<0,001% typical	with sense lines connected to load

VX2600 High Precision DC Source

Ordering information	Option	Comment
	Option A	8 output channels
	Option B	12 output channels

Instrument Driver:

The instrument integration is simplified with VXI*plug&play* drivers. A soft front panel is included to control and verify the instrument without writing a user program.

Quality:

All VX Instruments products are designed and built with ISO-9001 certified quality at VX Instruments facility in Landshut, Germany. VX Instruments stands behind their products with a full two-year warranty.

(1) Product specification and description in this document are subject to change without notice

VX Instruments GmbH
Bernsteinstr. 41A
84032 Landshut-Altdorf
Germany

Phone: +49 (0)871 931 555-0
Fax: +49 (0)871 931 555-55
Email: sales@vxinstruments.com
Web: www.vxinstruments.com

Copyright © 2004 VX Instruments GmbH
Date: October, 2008

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP