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 *Rockwell / Allen-Bradley SD3K-2004* at our website: *Click HERE*

PRODUCT PROFILE

GLOBAL DRIVE SYSTEMS SD 3000 PLUS DC DRIVE SOLUTION

Your DC power questions have been answered with the field proven performance of the SD 3000 PLUS DC drive control, now available with a broad line of DC power modules. The SD3000 PLUS DC Drive packages offer you all the advantages of DC Technology such as operator control, performance, efficient installation and commissioning.

The SD 3000 PLUS has the industry leading reputation for reliability, flexibility and full access to the Integrated Architecture of ControlLogix®. Configuration and programming uses the same software RSLogix™ 5000 and DriveTools™ SP as all of the other high performance drives offered by Rockwell Automation®. With these features, there are no additional programming or software modules for you to purchase, learn, or maintain.

The SD 3000 PLUS DC Drive packages are cost effective and can be applied to virtually any application, in any industry. Integration with ControlLogix offers you the ability to expand the scope of the application by adding a wide variety of I/O modules, communications, synchronization, and multiple programming languages for any task.

DC power modules used with the SD 3000 PLUS DC packages can be applied as a total DC drive configuration, which can be stand alone, networked with other drives or in a master configuration with other SD 3000 PLUS drives. In addition to these new DC drives, the SD 3000 PLUS Power Modules can be used to replace your existing DC SCR bridge modules. SD 3000 PLUS Power Modules use the latest technology in SCR as well as Thermal Heat Sinks making them 30% smaller than most competitor bridge sizes. This allows the SD 3000 PLUS power module to be adapted into existing cabinet spaces offering you a huge savings in demolition and wiring installations when faced with an upgrade decision.



Rated hp	Continuous Full Load DC Amps	Voltage Input/Output				Frame Size
		230V ac/ 240V dc	460V ac/ 500V dc	550V ac/ 600V dc	690V ac/ 750V dc	
50	170	☑	☑	☑	–	1
100	170					
125	170					
100	330	☑	☑	☑	–	2
200	330					
250	330					
185	538	☑	☑	☑	–	3
390	538					
470	538					
265	900	☑	☑	☑	☑	4
560	900					
675	900					
844	900					
420	1410	☑	☑	☑	☑	5
875	1410					
1050	1410					
1315	1410					
670	2280	☑	☑	☑	☑	6
1425	2280					
1710	2280					
2140	2280					
935	3178	☑	☑	☑	☑	7
1985	3178					
2385	3178					
2980	3178					

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

FUNCTIONAL FEATURES INCLUDE:

- Digital control of current, velocity and voltage
- Configurable current limit
- Field current loss protection
- Speed regulation: 0.025% of 10:1 speed range (with feedback)
- Dynamic speed control
- Automatic tuning of current loop
- Configurable bandwidth
- Diagnostics





SPECIFICATIONS

Input Voltage:	230, 460, 550 and 690V ac (depending on frame size)
Frequency:	45 to 65HZ, automatic adaption
Armature Voltage:	240V dc max./230V ac input 500V dc max./460V ac input 625V dc max./550V ac input 750V dc max./690V ac input
Protection:	Units above frame 2 include leg fuses.
Field Supplies:	S2R 20 AMP S2R 60 AMP
Operational Ambient:	40 degrees C typical
Installation Altitude:	Up to 3300 ft or 1000 meters

Dimensions

mm			inches			kg	lbs	Module Frame Size	FLA
h	w	d	h	w	d				
37.47	22.23	21.59	14.75	8.75	8.5	9	19	1	226
37.47	22.23	23.88	14.75	8.75	9.4	10	21	2	331
27.94	51.44	32.31	11.17	20.25	12.72	27	60	3	338
29.06	58.42	32.87	11.44	23	12.94	34	75	4	842
43.18	58.42	33.93	17	23	13.36	41	90	5	1410
124.46	69.34	40.26	49	27.3	15.85	263	580	6	2806
132.08	77.47	40.26	52	30.5	15.85	263	580	7	3200

Contact: Rockwell Automation/ Local Drive Solution Center,
Allen-Bradley Distributor or your Local Rockwell Automation Sales Office.

Rockwell Automation and ControlLogix are registered trademarks of Rockwell Automation. RSLogix 5000 and DriveTools are trademarks of Rockwell Automation.
Trademarks not belonging to Rockwell Automation are property of their respective companies.

www.rockwellautomation.com

Power, Control and Information Solutions

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe/Middle East/Africa: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Publication SD3000-PP002B-EN-P December 2005

Copyright ©2005 Rockwell Automation, Inc. All Rights Reserved. Printed in USA.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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