

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.

Visit our website - *Click HERE*

AXIS AND SPINDLE DRIVES



AXD - SPD series

The drives have a modular and stackable design. They are connected directly to the power bus provided by the power supply and provide the motor with three-phase voltage with a variable frequency to control the speed and the position.

Input of the direct feedback for the position loop (Optional)

Feedback of the actual (real) position of an axis, usually by connecting a linear or rotary encoder.

Connector for RS-232 serial line connection

To connect with a PC for system parameter setting and monitoring.

Encoder simulator output (Optional)

It provides a number of pulses per motor revolution that may be set by parameter (any value between 1 and 16,384 pulses/turn, programmable I0, differential TTL.

SERCOS interface connector

To transmit position, velocity and torque commands. The use of optical fiber ensures full immunity against noise and very simple wiring between modules.

Motor feedback input

It reads the signals coming from an encoder mounted on the motor to know its exact position and speed.

AXD series

Digital drive that can govern a synchronous motor in speed and position working as an axis.

	AXD 1.08	AXD 1.15	AXD 1.25	AXD 1.35	AXD 2.50	AXD 2.75	AXD 3.100	AXD 3.150
I rated (A)	4	7.5	12.5	17.5	25	37.5	50	75
I peak (0.5s) (A)	8	15	25	35	50	75	100	150
Voltage supply for control circuits	24 V DC (between 21 V DC and 28 V DC)							
Consumption of control circuits	0.90 A	0.90 A	0.90 A	0.90 A	1.25 A	1.25 A	2.00 A	2.00 A
Width	77 mm	77 mm	77 mm	77 mm	117 mm	117 mm	234 mm	234 mm

SPD series

Digital drive that can govern a synchronous or an asynchronous motor in speed and position working as a spindle.

	SPD 1.25	SPD 1.35	SPD 2.50	SPD 2.75	SPD 2.85	SPD 3.100	SPD 3.150	SPD 3.200	SPD 3.250
I rated (S1) at 4 kHz	16	23.1	31	42	50	70	90	121	135
I rated (S1) at 8 kHz	13	18	27	32	37	56	70	97	108
I S6 - 40% 4 kHz	20.8	30	40.3	54.6	65	91	117	157.3	175.5
I S6 - 40% 8 kHz	16.9	23.4	35.1	41.6	48.1	72.8	91	126.1	140.4
Voltage supply for control circuits	24 V DC (between 21 V DC and 28 V DC)								
Consumption of control circuits	0.90 A	0.90 A	0.90 A	0.90 A	0.90 A	2.00 A	2.00 A	2.00 A	2.00 A
Width	77 mm	77 mm	117 mm	117 mm	117 mm	234 mm	234 mm	234 mm	234 mm

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