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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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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.

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- ITAR-certified secure asset solutions

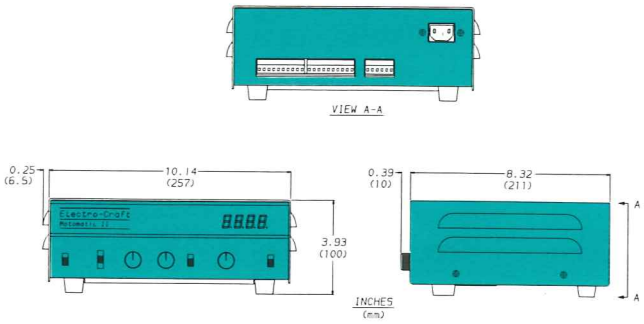
Expert team | Trust guarantee | 100% satisfaction

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Find the *ElectroCraft Motomatic II* at our website: ***Click HERE***

MOTOMATIC II SERVO AMPLIFIER





The Motomatic II is an accurate and easy-to-use servo amplifier. With its family of motors, gearmotors and optional optical encoders, Motomatic II continues our tradition of matched components. A new design puts the emphasis on ease-of-use, providing both novice and sophisticated servo users with high performance and flexibility.

HIGH PERFORMANCE

- Four-quadrant speed and torque control
- PWM amplifier with 25 kHz switching frequency
- Unique stabilization circuitry allows wide range of load inertias
- Up to 6 amps peak current with automatic foldback
- Automatic power dump regulates bus voltage when decelerating

EASY-TO-USE

- Comprehensive front-panel controls
- Digital display reports speed or torque with the flip of a switch
- Plug and play:
  - Connector accepts 6-foot motor cable
  - Drive plugs directly into the wall
- Easy adjustments for quick motor/drive configuration
  (Factory configuration and calibration also available)

FLEXIBLE

- Easily configures to wide range of motors
- Accepts wide range of input power
- Lightweight and portable – no power transformer required
- Allows remote user connections
  (current limit, external VCS, clamps)

PERFORMANCE CHARACTERISTICS	
Peak Output Current	6 Amps
Max. Continuous Current	3 Amps
Motor Supply Voltage	36 VDC
ELECTRICAL CHARACTERISTICS	
Input Signal Voltage	±10 VDC (±20 Max)
Input Impedance	22 kOhms
Typical Input Amplifier Drift	10 µV/°C
Switching Frequency	25 kHz Nominal
Dead Band	Zero
Automatic Current Foldback	50% Approx.
Foldback Time Constant	.05 Sec. at 6 Amps
Recovery Time Constant	1.0 Sec. at 1.5 Amps
Power Dump Current	4 Amps at 40 Volts
Max. Continuous Dump Power	5 Watts
Motor Current Output (1 kOhm Output Impedance)	0.5V/Amp
Auxiliary ± 15 VDC Supply	30 Milliamps
INPUT POWER REQUIREMENTS	
Single-Phase Input Voltage	115 or 240 VAC
Input Frequency Range	47-440 Hz ±10%
PHYSICAL CHARACTERISTICS	
Weight	6.5 lb. (2.9 kg)
Temperature - Operating	32 to 122°F (0 to 50°C)
Temperature - Storage	-40 to 158°F (-40 to 70°C)
Relative Humidity	5-95% Noncondensing

MOTOMATIC II ORDERING INFORMATION

Description	Part Number
Motomatic II, 115 VAC	9078-0120
Motomatic II, 240 VAC	9078-0122

Calibration - Optional purchase

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.

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

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