



## SIENNA™ 700 SERIES



LASER WIRE STRIPPER  
SIMPLIFY MANUFACTURING  
INCREASE PRODUCTIVITY – REDUCE COST

From Spectrum Technologies - the global leader in laser wire processing systems

# SIENNA™ 700 SERIES

## HIGH SPEED, HIGH SPECIFICATION LASER WIRE STRIPPERS

The SIENNA™ 700 is designed for high speed, high precision insulation removal for high tech and complex fine wire and cable assemblies.

### SIENNA 700

The SIENNA 700 series is particularly suitable for use in the manufacture of critical medical device cable assemblies and other high-specification electrical items.

New features of the SIENNA 700 series are as follows:

- Faster processing - More than 5 times faster than previous models
- Improved accuracy - +/-0.1mm
- Touch screen interface for easier programming
- USB job upload/download from laptop/PC
- Large job store memory
- Password protection access at different levels
- Simple to set-up and maintain
- Optional bar code job selection
- Optional networking
- More customisable:
  - Laser power - 25W, 50W or 20W scribe
  - Dual axis (DA) or dual axis with automatic wire handling (AWH)
  - Moving optics or moving product
  - Bespoke front end tooling

The 700 series is also available as a single or dual axis Scribe for cutting the metal shield on coaxial and micro-coaxial cables.

To comply with health and safety requirements, air exhaust must be provided when using any laser wire stripper. If this is not available in your factory, Spectrum's ACS-5 systems remove all smoke, odors, particles and fumes from the laser stripping area and return clean air to the room

- All SIENNA systems are Class 1 laser products for use on open shop floor
- Complies to CAT 3 electrically safety category and all EU CE marking and FDA regulations
- 12 month return to base warranty on all new systems
- Worldwide customer support from a dedicated team of Field Service Engineers or by fully trained Service Agents
- Technical helpline operating across the global clock
- Operational training for Production and Technical personnel carried out at installation
- Maintenance contracts available to keep systems operating at optimum performance



Above: A SIENNA 700 set up for automated wire handling

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## Summary specifications

Model	SIENNA 725	SIENNA 750	SIENNA 720SRD
Laser	25 Watt CO2	50 Watt CO2	20 Watt Scriber
Configuration	Dual axis (D) or Automated (AWH)		Dual Axis (D)
Control	HMI		HMI or PC
Wire Types	Single core wire Twin leads Twisted pairs Multi-conductor shielded cables Ribbon cables		Shielded wire Shielded ribbon cables Coax / Micro-coax
Wire Sizes	Up to 6mm OD (0.24")		Up to 1.5mm OD (0.0625") & 100mm wide (4")
Processing Speed	Up to 250 mm/s (10 inches/s)		
Strip Accuracy	+/- 0.1mm (0.004")		
Strip Range	100mm x 150mm (4" x 6")		100mm x 100mm (4" x 4")
Insulation types (non-exhaustive)	PTFE ETFE PVC Silicon Polyurethane Polyimide Polyester Polyesterimide Fiberglass Polyethylene Nylon		Metal Shields
Options	<ul style="list-style-type: none"> <li>• ACS-5 Air Cleaning System</li> <li>• Measure and cut system (for AWH system)</li> <li>• Dereeler (for AWH system)</li> <li>• Barcode job selection</li> <li>• Additional tooling jigs</li> </ul>		
Power Requirements	230V-50Hz 5 Amp, single phase 110V-60Hz 10 Amp, single phase		
Dimensions H x W x L	657mm x 559mm x 1251mm (62" x 22" x 49")		
Weight	102Kg (225 lb)		

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To discuss any of your requirements please contact us at [sales@spectrumtech.com](mailto:sales@spectrumtech.com) or on +44 (0)1656 655 437.





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