

# PHARMASEP

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## SEBRA® Model 5160/5163 Extra-Large TPE Tube Sealer



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The all-new SEBRA® 5160-series TPE Tubing Sealer was created to make leak-free, permanent seals on the extra-large sizes of TPE tubing that is increasingly being used in larger scale bioprocessing operations, eliminating the need to add reducing fittings to connect smaller diameters of tubing which allow the existing tube sealers on the market the ability to create these seals. This should improve efficiencies in the transfer of your product.

The 5160 Sealer Controller has a touchscreen interface and is supplied with password protected ADMIN mode, where the sealing parameters can be adjusted when necessary to accommodate any process variables that may occur. The controller is capable of storing up to 16 different sealing recipes.

The 5163 Sealing Head is connected to the 5160 Sealer Controller by an 8-foot long cable and air hose assembly. Tube diameter-specific guides position the tubing precisely and securely to create uniform seals. A safety cover protects users from exposure to the heat that is required to seal this larger tubing, and it must be in the correct position to allow a seal cycle start. A hanging feature allows the sealing head to be hung off of a rack for ease of mobile use.



**Control Unit  
CONT5160****Head  
SEAL5163****Mechanical Specifications**

Dimensions	9" x 16.5" x 6" (22.5cm x 41cm x 15cm)	13" x 5.5" x 9" (50cm x 28cm x 27 cm)
Operating Weight	14 lbs (6.35kg)	12 lbs (5.4 kg)
Compressed Air Requirement	70psi (4.83 bar) dry, filtered	

**Electrical Specifications**

Power Connection	115 VAC, 6.3A, 50/60Hz	N/A
	230 VAC, 4A, 50/60Hz	N/A
Main Fuses	4A (120 VAC Units)	N/A
	2A (230 VAC Units)	N/A

**Performance Factors**

User Interface	Touchscreen HMI	
Tube Sizes	3/4" x 1-1/8"	
	3/4" x 1-1/4"	
	1" x 1-3/8"	
	1" x 1-1/2"	
Approximate Cycle Time	5 to 8 mins, tube type and size dependent	
Certifications	CE, RoHS, WEEE	
NRTL	cTUVs	

**Operating Conditions**

Temperature	15° to 35° C	
Placement	Indoor / Lab Use	
Humidity	70% Max Humidity, Non-Condensing	
Clean Room Compatibility	ISO7	