

1.0 DESCRIPTION & SOURCES

1.1 This specification is for a Miele washer that will be used in D&C production for the decontamination and cleaning of the Covidien Kendall DL Disposable ECG Leads (ELC) and LigaSure devices.

1.2 Any manufacturer capable of manufacturing equipment meeting specifications is acceptable. One (1) manufacturer(s) known to manufacturer this type of equipment is/are:

Miele, Inc.
9 Independence Way
Princeton, NJ 08540
Tel: 800-991-9380

1.3 Any approved supplier capable of supplying equipment meeting specifications is acceptable. One (1) supplier(s) known to supply this type of equipment is/are:

Miele, Inc.
9 Independence Way
Princeton, NJ 08540
Tel: 800-991-9380

2.0 SPECIFICATION

2.1 Description: PG 8527 Laboratory Glassware Washer

2.2 Model: PG8527 Plus

2.3 Part Number: PG8527PLS

2.4 Control Unit: Profitronic + control system with programmable wash options, available automatic basket recognition, 1 Ethernet interface, 4 RS 232 serial interface for connection to printer or PC, 15 selectable languages

2.5 Standard: 12 standard wash programs

2.6 Utility: 17 utility programs

2.7 Custom: 35 available spaces for custom wash programs to be created or stores

2.8 Wash Temperature: Freely adjustable up to 93° C

- 2.9** Final Rinse Temperature: Freely adjustable up to 93° C
- 2.10** Cleaning Mechanism
 - 2.10.1** Rotary: Dual spray arms located at the top and bottom of chamber, additional spray arm(s) on modular baskets
 - 2.10.2** Spray Arm Monitoring: For upper and lower spray arms and spray arms on baskets
 - 2.10.3** Direct Injection: Injection cleaning possible on 1, 1.5, 2, and 3 levels
- 2.11** Drying Temp Adjustment: 60-115°C, 1°C increments
- 2.12** Drying Time Adjustment: 1 – 240 min, 1 min increments
- 2.13** Detergent & Neutralizer Dispensing
 - 2.13.1** Detergent: 1 bellows-type dosing connection for 10L container, stored on-board
 - 2.13.2** Neutralizer: 1 bellows-type dosing connection for 10L container, stored on-board
- 2.14** Main Circulation Pump: 1000 liter/min total
- 2.15** Spray Arm Pump: 400 liter/min
- 2.16** Injection Pump: 600 liter/min
- 2.17** Cabinet and Chamber Construction
 - 2.17.1** Exterior: Brush finish type 304 stainless steel top, front, sides, and bottom
 - 2.17.2** Interior: Type 316L stainless steel chamber sides, back and top, chamber floor and door
- 2.18** Plumbing Connections:
 - 2.18.1** Tap (2 connections)

2.18.1.1 Hot and cold water for wash cycles: One ½" ID pressure hose, 5'7" long with ¾" hose thread

2.18.1.2 Input pressure: 30 – 147 psi, min. flow rate of 15 liter/min

2.18.1.3 Max incoming water temperature: 70°C

2.18.2 DI (1 connection)

2.18.2.1 DI water for rinse cycles: One ½" ID pressure hose, 5'-7" long with ¾" hose thread

2.18.2.2 Input pressure: 30 – 147 psi, min. flow rate of 15 liter/min

2.18.2.3 Max incoming water temperature: 70°C

2.19 Drain Connections

2.19.1 Connection: Two 1" OD, one 3/8" OD flexible drain hoses, 4'11" long; max drain height – 3'. Max drain length = 13'

2.19.2 Flow Rate: Maximum amount of water a drain needs to accept would be both numbers at the same time: 10.8 gal/min

2.20 Electrical requirement: 3 AC 208V, 60Hz, 60 Amps

2.21 Dimensions

2.21.1 Exterior: 95.3" H x 45.3" W x 34.3" D

2.21.2 Interior: 26.6" H x 25.6" W x 31.5" D

2.21.3 Net Weight: 1256 lbs

2.22 Below is a picture of an acceptable Miele washer.

