

6. Specifications

6.1. Electric Rating

	Powerhead	Console
Rated voltage	AC100 - 240V 50/60Hz	
Power output or consumption	160VA Max	
Type of protection	Class I	
Level of protection	Type CF	
Drip-proof construction	Yes	-
Classification by operation mode	Continuous operation	
AP - APG support	Not supported	

6.2. Safety Device

6.2.1. Warning and Alarm Messages

The device is equipped with several warning and alarm message indications. Warning messages, when present require user intervention before operation can continue. An alarm message requires power to be cycled. If the alarm message persists, contact your authorized service representative. Refer to the Troubleshooting section of this manual for additional information.

6.2.2. Ceiling Mount (optional)

The ceiling mount arm that attaches to the ceiling suspension system and supports the DUAL SHOT alpha7 Powerhead is equipped with an internal safety mechanism. The safety mechanism installation is described in the DUAL SHOT alpha7 Installation Manual. In the event of failure the safety mechanism will catch and support the Powerhead. If a failure occurs discontinue use of the ceiling suspension and contact the manufacturer or authorized representative for repair.

6.2.3. Fuse

Control Console

T5A250Vx2

6.3. Environmental Conditions

Transportation and storage

Temperature: -40°C - 70 °C

Humidity: 5% - 95%

Atmospheric pressure: 500hPa - 1060hPa

Operating

Temperature: 5°C - 40 °C

Humidity: 10% - 90% (Non-Condensing)

Atmospheric pressure: 680hPa - 1060hPa

6.4. Programming Range

6.4.1. Volume Programming Range

A side

200mL syringe 1 - 200mL (1mL increments)

100mL syringe 1 - 100mL (1mL increments)

B side

200mL syringe 1 - 200mL (1mL increments)

100mL syringe 1 - 100mL (1mL increments)

6.4.2. Flow Rate Programming Range

A side

200mL syringe 0.1 - 10mL/sec (0.1mL/sec increments)

100mL syringe 0.1 - 10mL/sec (0.1mL/sec increments)

B side

200mL syringe 0.1 - 10mL/sec (0.1mL/sec increments)

100mL syringe 0.1 - 10mL/sec (0.1mL/sec increments)

6.4.3. Pressure Limit Programming Range

200mL syringe 10 to 300 PSI (10 psi increments)
100 to 2058 kPa (100kPa increments)
1.0 to 21.0kg/cm² (0.1kg/cm² increments)

100mL syringe 10 to 300 PSI (10 psi increments)
100 to 2058 kPa (100kPa increments)
1.0 to 21.0kg/cm² (0.1kg/cm² increments)

6.4.4. Pause Time

Range 0 to 300 seconds (1 second increments)

6.4.5. Inject Delay Time

Range 0 to 300 seconds (1 second increments)

6.4.6. Ramp-Up Time

0 or 2 seconds

6.4.7. Dimensions

Powerhead	23.62 x 4.41 x 7.09 in.	600 x 112 x 180 mm
Control Console	4.21 x 10.63 x 9.76 in.	107 x 270 x 248 mm
Remote Stand	23.62 x 23.62 x 47.24 in.	600 x 600 x 1200 mm

6.4.8. Weights

Powerhead	18.75 lb.	8.5 kg
Control Console	8.16 lb.	3.7 kg
Remote Stand	25.35 lb.	11.5 kg