

AQUAJET mains-operated Oral Dental Irrigator (LD-A***-series) Information for accompanying documents in the scope of IEC60601-1-2:2014

Compliance information for each EMC test

Electromagnetic Emission (Home Healthcare Environment)	
Emission test (IEC60601-1-2:2014)	Compliance
Conducted and radiated RF emissions	CISPR 11 Group1, Class B
Harmonic emissions IEC 61000-3-2	Class A
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies

Compliance information for each EMC test

Declaration - Electromagnetic Immunity (Home Healthcare Environment)		
Immunity test	IEC 60601-1-2:2014 test level	Compliance level
Conducted RF IEC 61000-4-6:2013	3V 0.15 MHz to 80 MHz 6 V in ISM and between 0.15 MHz and 80 MHz	3V 0.15 MHz to 80 MHz 6 V in ISM and between 0.15 MHz and 80 MHz
Radiated RF IEC 61000-4-3:2006+A1:2007+A2:2010	10V/m 80 MHz to 2.7 GHz also meet the requirement of table 9 of 60601-1-2:2014	10V/m 80 MHz to 2.7 GHz also meet the requirement of table 9 of 60601-1-2:2014
Electrostatic discharge (ESD) IEC61000-4-2:2008	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air
Electrical fast transient/burst IEC61000-4-4:2012	± 2 kV for power supply lines	± 2 kV for power supply lines
Surge IEC61000-4-5:2005	± 0.5kV, ± 1 kV line(s) to lines	± 0.5kV, ± 1 kV line(s) to lines
Voltage dips, short interruptions and voltage variations on power supply input lines IEC61000-4-11:2004	0 % UT; 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270°and 315° 0 % UT; 1 cycle and 70 % UT; 25/30 cycles Single phase: at 0° 0 % UT; 250/300 cycles	0 % UT; 0.5 cycle* At 0°, 45°, 90°, 135°, 180°, 225°, 270°and 315° 0 % UT; 1 cycle* and 70 % UT; 25 cycles* Single phase: at 0° 0 % UT; 250 cycles**
Power frequency (50/60 Hz) magnetic field IEC61000-4-8:2009	30A/m	30A/m

NOTE: The EUT is the a.c. mains voltage prior to application of the test level.

The following phenomenon is still fulfill the requirement of basic safety and essential performance.

* UT:230V~/50Hz, The pressure of the EUT is deviation the normal value but the value is still more than 10psi when flow is 4.5l/min.

**UT:230V~/50Hz, The EUT stop working when adding 0% UT, but the EUT can restore its normal mode automatically.