

VERDERFLEX®

Peristaltic Cased Tube Pump

Appendix I
Standards

Vantage 5000

Version 1.6v-02/2019

Print-No. 01



VERDER
passion for pumps



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1. **Appendix I**
Standards

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1 Standards

Item	EC Harmonised Standards / Other Standards	Title
1	BS EN 60204-1	Safety of Machinery - Electrical Equipment of Machines
2	BS EN 61010-1 + A2 Category 2, Pollution degree 2	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use
3	BS EN 809	Pumps and Pump Units for Liquids - Common Safety Requirements
4	BS EN 61000-4-2, called by BS EN 61000-6-1	ESD Immunity
5	BS EN 61000-4-3, called by BS EN 61000-6-1	Radiated Immunity
6	BS EN 61000-4-4, called by BS EN 61000-6-1	Fast Transient Burst
7	BS EN 61000-4-5, called by BS EN 61000-6-1	Surge Immunity
8	BS EN 61000-4-6, called by BS EN 61000-6-1	Conducted RF Immunity
9	BS EN 61000-4-11, called by BS EN 61000-6-1	Voltage Dips and Interruptions
10	ANSI C63.4-2009, called by 47CFR15 part 15	Federal Communications Commission (FCC)
11	BS EN 55016-2-3, called by BS EN 61000-6-3 + A1	Radiated Emissions
12	BS EN 55016-2-1, called by BS EN 61000-6-3 + A1	Conducted Emissions
13	BS EN 61000-3-2, called by BS EN 61000-6-3 + A1	Harmonic Emissions
14	BS EN 61000-3-3, called by BS EN 61000-6-3 + A1	Flicker
15	UL 61010A-1	UL Standard for Safety Electrical Equipment for Laboratory Use
16	CAN/CSA-C22.2 No 61010-1	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use
17	NEMA 4X to NEMA 250 (indoor use)	Enclosures for Electrical Equipment (1000 Volts Maximum) NEMA 250-2014

Table 1 Standards