

Technical Data

Features	specification
Ambient conditions	- indoor use - maximum elevation 2000 m (6562 ft) above sea level - max. relative humidity 80 % up to 31°C (88°F), linearly decreasing down to 50 % relative humidity at 40°C (104°F).
Ambient temperature allowed	+2 °C to +35 °C (36°F to 95°F)
run time	- standard mode : 1min - 9 h 59 min, hold = permanent - extended mode : 1min – 99 h, hold
maximum speed ($n_{\max}$)	15 000 rpm (rotor-dependent, adjustable in steps of 10)
minimum speed ($n_{\min}$)	300 rpm
maximum RCF	17 860 (Micro Liter Rotor 7500 3455)
maximum kinetic energy <i>accuSpin 1</i> <i>accuSpin 1R</i>	26.0 kNm (19 177 ft.lb) 26.0 kNm (19 177 ft.lb)
noise at maximum speed <i>accuSpin 1</i> <i>accuSpin 1R</i>	< 70 dB (A) < 64 dB (A) (sound pressure level of emission according to DIN EN ISO 11 201)
Temperature set range <i>accuSpin 1R</i>	0°C to +40°C (32°F to 104°F)

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Dimension (H x W x D) <i>accuSpin 1</i> <i>accuSpin 1R</i>	410 mm x 460 mm x 540 mm (16.1 x 18.1 x 21.3 inches) 410 mm x 710 mm x 580 mm (16.1 x 27.9 x 22.8 inches)
Weight without rotor <i>accuSpin 1</i> <i>accuSpin 1R</i>	52 kg (114.6 lb) 104 kg (229.3 lb)
Testing standards - all devices manufactured and examined in agreement also: - for 120 V only - for 230 V only	IEC 61010-1:1990 + amendment 1:1992 + amendment 2:1995 IEC 61010-2-020:1993 + amendment 1:1996 - Pollution degree 2, - Overvoltage category II CAN/CSA-C22.2 No. 151 EN 61 010-1, EN 61 010-2-020 EN 61326 (+ EN 61000-3-2/A14:2000-06) EN 55011 B

Electrical connections / fuses

Order no.	Voltage	Frequency	Nominal current	Power consumption	Fuse protection of instrument*	Fuse protection of building
<i>accuSpin 1</i> 7500 3448	120 V	60 Hz	8.0 A	700 W	15 A	15 AT
<i>accuSpin 1</i> 7500 3446	230 V	50/60 Hz	4.5 A	700 W	16 A	16 AT
<i>accuSpin 1R</i> 7500 3449	120 V	60 Hz	11.5 A	1100 W	15 A	15 AT
<i>accuSpin 1R</i> 7500 3447	230 V	50/60 Hz	5.8 A	1100 W	16 A	16 AT

* The fuse may be replaced only by authorized servicing personnel!