SpinPro® 6 R Centrifuge Performance Data Sheet



Key Features

Sustainability
> CO_2-based cooling systems (GWP 1)
> ACT 2.0 ecolabel

Convenience and Compliance
> Enhanced safety with RFID rotor recognition and rotor lifetime tracking
> Favorite Function for setting parameters within seconds
> Automatic lid drive
> Advanced user management

Versatility
> Rotor S-2xUniversal ID to spin a wide range of vessels without changing the rotor or buckets
> Rotor FA-6x250 ID high-capacity with aerosoltight QuickLock® Pro lid

Additional Features

> Multilanguage 7-inch touch interface for easy operation
> Motion and ambient light sensor
> Status light bar for visual monitoring
> Automatic imbalance detection
> Advanced documentation features support CFR 21 Part 11 compliance

Materials of Construction and Refrigerant

Housing	Galvanized steel with chemical resistance powder coating
Front part and outer lid	Flame-retardant thermoplastic
Rotor bowl	Stainless steel
Fixed-angle rotors	Aluminium
Swing-bucket rotor	Aluminium
Refrigerant	R744 (250 g)

Technical Specifications

Maximum speed	
Max. RCF	
Fixed-angle rotors	20,018 x g^1
Swing-bucket rotor	4,300 x g^2
Max. rotational speed	13,500 rpm
Maximum capacity	2 x 1 L
Maximum power consumption	2,160 W
Noise level	< 70 dB(A)
Temperature range	-11 °C to – 40 °C

Certifications and Registration

Company
> ISO 9001
> ISO 14001
> ISO 13485

Centrifuge
> CE Certificate (incl. relevant directives and safety standards)
> Factory acceptance test/inspection report
> Certificate of containment testing for aerosol-tight rotors

Dimensions

W x D x H	706 x 745 x 385 mm
Height w. open lid	867 mm
Footprint	
Base plate	700 x 700 mm
Foot spacing	515 x 598 mm
Weight (w/o accesories)	100 kg
Shipping weight	132 kg

*[1] with Rotor FA-48x2 ID
*[2] with Rotor S-2xUniversal ID

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Capacity of Rotor S-2xUniversal ID, swing-bucket

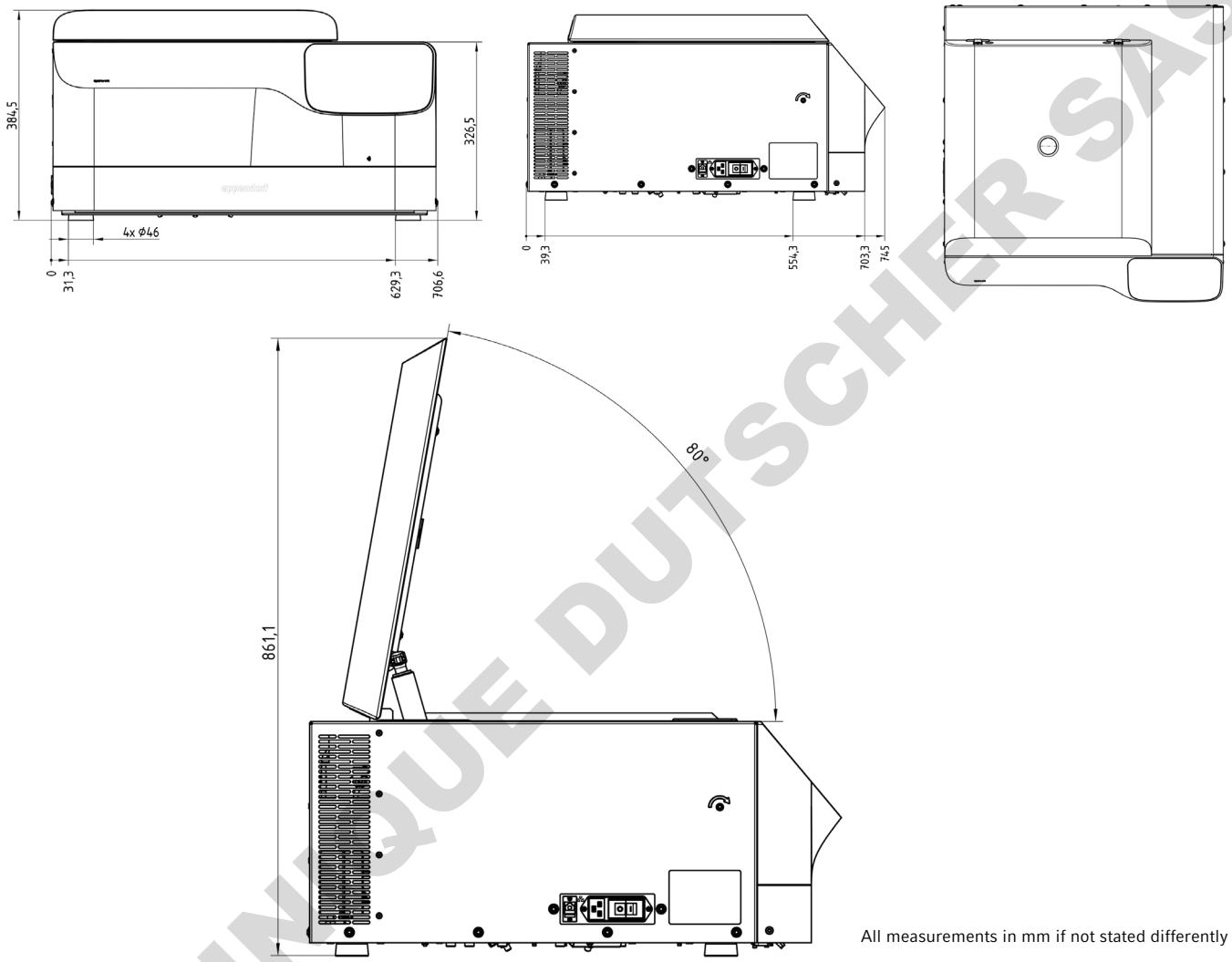
Bottles	Capacity
1 L Eppendorf bottles	2
750 mL Eppendorf bottles	2
Corning 500 mL conical bottle	2
250 mL flat bottles	2
175 – 225 mL conical bottles	2
Tubes	
50 mL conical tubes, non aerosol-tight	18
50 mL conical tubes, aerosol tight	14
50 mL conical tubes, skirted	14
25 mL conical tubes	18
15 mL conical tubes	34
5 mL conical tubes	34
1.5/2.0 mL tubes	92
Plates	
MTP Plates	10
DWP Plates	2
Blood collection tubes	
Ø 13.0 mm	60
Ø 16.0 mm	52
Ø 17.5 mm	42

Capacity of fixed-angle rotors

Rotor FA-6x250 ID	6 x 250 mL
Rotor FA-10x50 ID	10 x 50 mL conical tubes
Rotor FA-48x2 ID	48 x 1.5/2.0 mL tubes
Rotor FA-30x2 ID	30 x 1.5/2.0 mL tubes

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Dimensions



All measurements in mm if not stated differently

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