

# Bioprocessing centrifuge BIOS A

The centrifuge with GreenCool technology was developed specifically for high-throughput applications and bioprocesses. GreenCool technology reduces environmental impact by using a natural refrigerant and ensures lower energy consumption, rapid cool-down times, and excellent temperature stability. The Accumulated Centrifugal Effect (ACE&trade;) function automatically adjusts the run time to compensate for acceleration fluctuations caused by varying rotor loads.

- Bright, easy-to-read touchscreen user interface that can be operated with gloves
- Auto-ID&trade; rotor identification: the rotor used is automatically recognized and the device parameters are adjusted to the rotor's standard settings
- Auto-Door function: automatic opening and closing of the centrifuge door at the touch of a button
- DuraFlex&trade; drive technology automatically neutralizes imbalances of up to 125 g
- Run time: up to 99 h 59 min 59 s
- With pre-cooling function
- Acceleration/deceleration profiles: 11 acceleration, 12 deceleration profiles
- GMP/GLP-compliant traceability with integrated Thermo Scientific&trade; Centri-Track&trade; function or optional Thermo Scientific&trade; Centri-Log&trade; Plus Data Management software
- Real-time run monitoring and basic remote control via the Thermo Scientific&trade; Centri-View&trade; app

Speed: 300 ... 6,250 1/min  
With cooling: Yes  
Temperature: -20 ... 30 &deg;C  
Dimensions (WxDxH): 816 x 990 x 1,015 mm  
Weight: 415 kg  
Power supply: 380 ... 415 V, 50/60 Hz

Type	Max. rcf x-g	Min. speed 1/min	Max. speed 1/min	Min. temperature °C	Max. temperature °C	Width mm	Depth mm	Height mm	W	Y
BIOS A	12000	300	6250	-20	30	816	990	1015		

Zubehör:  
Drain box for bioprocessing centrifuges BIOS / Thermo Elect.LED  
Accessories for bioprocessing centrifuges BIOS and superspeed centrifuges LYNX / Thermo Elect.LED  
Rotor Fiberlite™ F6-10 x 1000 LEX for bioprocessing centrifuges BIOS A / Thermo Elect.LED