

VWR® Mega Star 1.6/1.6R and 4.0/4.0R General-purpose Centrifuges

Optimize your projects with the VWR® Mega Star general-purpose centrifuge series.

This versatile benchtop centrifuge provides maximum sample security and reproducibility in an intuitive, easy-to-use platform.

Choose between a compact mid-size 1.6 L or a high capacity 4.0 L model to optimize your bench space and productivity.

EASY TO USE

- Intuitive controls simplify operation and provide detailed information on a wide range of operating parameters for optimal performance
- Modern industrial design supports ergonomics and user safety

AUTO-LOCK™ III ROTOR SYSTEM

- Secure locking system allows easy push-button installation and exchange of rotors with no tools needed
- System saves time when switching between applications
- Easy access to rotor chamber offers quick cleaning, a healthier working environment and longer unit life

CLICKSEAL™ BIOCONTAINMENT SOLUTION

- Seals with a snap; eliminates screw caps and complicated clips
- System has glove-friendly, one-handed open and close capability
- System is certified by CAMR™ in Porton Down, UK

SPACE-SAVING DESIGN

- Compact dimensions optimize work area
- Ergonomic height and curved design ensure easy sample loading and unloading and easy cleaning

ENERGY EFFICIENT

- System offers up to 40% energy consumption savings on industry standard protocols, such as standard blood separation or conical tube processing

Control system	Microprocessor
Drive system	Direct, brushless induction motor
Accel/Decel profiles	Choice of nine acceleration and ten deceleration rates including no brake option
Materials	Metal housing: cold rolled steel with powder paint; centrifuge bowl: stainless steel; centrifuge feet: rubber
Safety features	SMARTSpin imbalance detection, finger-pinch prevention, crash-proof construction

Mega Star 1.6/1.6R Centrifuges and Cell Culture Packages

This mid-size benchtop option is available in centrifuge only and cell culture package options.

Cell culture packages include the following with your choice of ventilated or refrigerated centrifuge.

- TX-400 rotor cross
- TX-400 buckets (set of four)
- TX-400 ClickSeal™ biocontainment lids (set of four)
- Adapters 4x50 ml conical (set of four)
- Adapters 9x16 ml conical (set of four)



Description	Capacity	Temp. range	Weight	Cat. No.
Mega Star 1.6 and 1.6R Centrifuges				
VWR® Mega Star 1.6 general purpose benchtop centrifuge, ventilated, 120 V (centrifuge only)	1.6 L	—	61 kg (134 lbs.)	76468-134
VWR® Mega Star 1.6R general purpose benchtop centrifuge, refrigerated, 120 V (centrifuge only)	1.6 L	–10...+40 °C	92 kg (202.8 lbs.)	76468-132
Mega Star 1.6 and 1.6R Cell Culture Packages*				
VWR® Mega Star 1.6 general purpose benchtop centrifuge cell culture package, ventilated, 120 V				76519-282
VWR Mega Star 1.6				76468-134
TX-400 rotor				10033-766
400 ml Round buckets (set of 4)	1.6 L	—	61 kg (134 lbs.)	97039-274
ClickSeal Lids for TX-400 bucket (set of 4)				97039-276
Adapters: 4 x 50 ml conical (set of 4)				97039-290
Adapters: 9 x 15 ml conical (set of 4)				97039-297
VWR® Mega Star 1.6R general purpose benchtop centrifuge cell culture package, refrigerated, 120 V				76519-280
VWR Mega Star 1.6R				76468-132
TX-400 rotor			92 kg (202.8 lbs.)	10033-766
400 ml Round buckets (set of 4)	1.6 L	–10...+40 °C		97039-274
ClickSeal Lids for TX-400 bucket (set of 4)				97039-276
Adapters: 4 x 50 ml conical (set of 4)				97039-290
Adapters: 9 x 15 ml conical (set of 4)				97039-297

* Cell culture packages includes TX400 rotor, set of four 400 ml buckets, set of four ClickSeal™ biocontainment lids, set of four 4x50 ml conical tube adapters, set of four 9x15 ml conical tube adapters.

Model	Mega Star 1.6	Mega Star 1.6R
Max. Speed of Centrifuge	15200 rpm (depending on rotor)	15200 rpm (depending on rotor)
Max. Speed with TX-400	4750 rpm, 4238×g	4750 rpm, 4238×g
Max. RCF	25830×g (depending on rotor)	25830×g (depending on rotor)
Voltage	120 V	120 V
Depth	66 cm (26")	66 cm (26")
Height	Lid open: 85.5 cm (33.6")	Lid open: 85.5 cm (33.6")
	Lid closed: 36.2 cm (14.3")	Lid closed: 36.1 cm (14.2")
Width	44.5 cm (17.5")	62.5 cm (24.6")

Mega Star 4.0/4.0R Centrifuges and Cell Culture Packages

This high-capacity benchtop option is available in centrifuge only and cell culture package options.

Cell culture packages include the following with your choice of ventilated or refrigerated centrifuge.

- TX-1000 rotor cross
- TX-1000 buckets (set of four)
- TX-1000 ClickSeal™ biocontainment lids (set of four)
- Adapters 10x50 ml conical (set of four)
- Adapters 24x15 ml conical (set of four)



Description	Capacity	Temp. range	Weight	Cat. No.
Mega Star 4.0 and 4.0R Centrifuges				
VWR® Mega Star 4.0 general purpose benchtop centrifuge, ventilated, 120 V (centrifuge only)	4.0 L	—	89 kg (196 lbs.)	76468-138
VWR® Mega Star 4.0R general purpose benchtop centrifuge, refrigerated, 120 V (centrifuge only)	4.0 L	–10...+40 °C	117 kg (258 lbs.)	76468-136
Mega Star 4.0 and 4.0R Cell Culture Packages				
VWR® Mega Star 4.0 general purpose benchtop centrifuge cell culture package, ventilated, 120 V				76519-286
VWR Mega Star 4.0				76468-138
TX-1000 high capacity rotor				10033-464
TX-1000 Buckets (set of 4)	4.0 L	—	89 kg (196 lbs.)	10033-466
ClickSeal Lids for TX-1000 (set of 4)				10033-468
Adapters: 10 x 50 ml conical tubes (set of 4)				97040-296
Adapters: 24 x 15 ml conical tubes (set of 4)				10033-736
VWR® Mega Star 4.0R general purpose benchtop centrifuge cell culture package, refrigerated, 120 V				76519-284
VWR Mega Star 4.0 R				76468-136
TX-1000 high capacity rotor			117 kg (258 lbs.)	10033-464
TX-1000 Buckets (set of 4)	4.0 L	–10...+40 °C		10033-466
ClickSeal Lids for TX-1000 (set of 4)				10033-468
Adapters: 10 x 50-ml conical tubes (set of 4)				97040-296
Adapters: 24 x 15-ml conical tubes (set of 4)				10033-736

* Cell culture packages includes TX1000 rotor, set of four 1000 ml buckets, set of four ClickSeal™ biocontainment lids, set of four 10x50 ml conical tube adapters, set of four 24x15 ml conical tube adapters.

Model	Mega Star 4.0	Mega Star 4.0R
Max. Speed of Centrifuge	15200 rpm (depending on rotor)	15200 rpm (depending on rotor)
Max. Speed with TX-1000	3800 rpm, 3374×g	4200 rpm, 4122×g
Max. RCF	25830×g (depending on rotor)	25830×g (depending on rotor)
Voltage	120 V	120 V
Depth	66 cm (26")	66 cm (26")
Height	Lid open: 86.1 cm (33.9")	Lid open: 86.1 cm (33.9")
	Lid closed: 36.2 cm (14.3")	Lid closed: 36.1 cm (14.2")
Width	56.6 cm (22.3")	74.6 cm (29.4")