



Cycle Ergometers

Cardiorespiratory Exercise Stress Testing



The Corival cpet Cycle Ergometer is specifically designed for cardiopulmonary exercise stress testing and rehabilitation.

CORIVAL CYCLE ERGOMETER

Low step-through height provides easy access for all individuals. Optional features include the pediatric adaptation for shorter patients, large saddle and low start-up load

FEATURES

- Braking principle: Eddy current
- RPM independent 30-150 (r.p.m.)
- 3.5" digital readout of Watts and RPM
- Accuracy r.p.m.: $\pm 2\%$ at full scale
- Workload range:
Adjustable 7-1000 W
- 750-1000 W Peak load



The Corvial Recumbent cpet Cycle Ergometer incorporates a comfortable seating feature for patients with medical conditions who find sitting on a standard bicycle ergometer uncomfortable during CPET testing.

RECUMBENT CYCLE ERGOMETER

Ergonomic design makes it ideal for individuals with back problems. The recumbent position distributes body weight evenly, reducing the risk of strain or discomfort during extended CPET sessions.

FEATURES

- Braking principle: Eddy current
- Adjustable back support
- Workload range: Adjustable 7-1000 W
- Electronically adjustable seat positioning
- 3.5" digital readout of Watts and RPM

SIMPLE TO ADJUST. QUICK AND EASY POSITIONING.



SPECIFICATIONS

CORIVAL CPET

ACCURACY & RANGES

- Work Load Range 7 to 1000 W peak
- Work Load Accuracy: <100 W, 3 W; 100 to 500 W 3%; 500 to 1000 5%
- RPM Independent 30 - 150

COMFORT

- Q-factor: 180 mm
- Handlebar adjustment angle: 360°
- Adjustability range seat: 11.8" (300 mm)
- Minimum leg length user: 25.4" (645 mm)

DIMENSIONS AND WEIGHTS

- (L x W x H) 41.3" (105 cm) x 22.8" (58 cm) x 44.9" (114 cm)
- Net weight: 143.3 lbs (65 kg)
- Maximal subject weight: 396.8 lbs (180 kg)

ENVIRONMENTAL CONDITIONS DURING USE

- Temperatures: 14° - 40°C (57° - 104°F)
- Humidity: 30% - 90% at 25° - 40°C (77° - 104°F) non condensing

ELECTRICAL POWER REQUIREMENTS

- 100 - 240 V 50/60 Hz (160 Watt)
- Power consumption: 75 VA

STANDARDS & SAFETY

- ISO 9001: 2015, ISO 13485: 2016
- IEC 60601-1:2012

OPTIONS

- Programmable controller
- Blood Pressure Monitor
- Heart rate signal
- Zero watt start
- Pediatric seat, cranks and pedals
- Large saddle



CORIVAL RECUMBENT CPET

ACCURACY & RANGES

- Work Load Range 7 to 1000 W peak
- Work Load Accuracy: <100 W, 3 W; 100 to 500 W 3%; 500 to 1000 5%
- RPM Independent 30 - 150

COMFORT

- Seat width: 20.2" (512mm)
- Minimum leg length user (inc. adjustable pedals: 25.6" (650mm)
- Adjustability range seat 15.7" (400mm)

DIMENSIONS AND WEIGHTS

- (L x W x H) 72" (183 cm) x 31.1" (79 cm) x 58.7" (149 cm)
- Net weight: 235.9 lbs (107 kg)
- Maximal subject weight: 660 lbs (300 kg)

ENVIRONMENTAL CONDITIONS DURING USE

- Temperatures: 14° - 40°C (57° - 104°F)
- Humidity: 30% - 90% non condensing

ELECTRICAL POWER REQUIREMENTS

- 100 - 240 V 50/60 Hz
- Power consumption: 160 W
- Power cord length 98.4" (250cm)

STANDARDS & SAFETY

- ISO 9001: 2015, ISO 13485: 2016
- IEC 60601-1:2012

OPTIONS

- Programmable controller
- Blood Pressure Monitor
- Heart rate signal
- Pediatric pedals and adjustable crank
- XXL Seat for Corival Recumbent



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