



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.: ±2% at full scale
- Workload range:
Adjustable 7-1000 W
- 750-1000 W Peak load



The Excalibur Sport is ideal for both aerobic and anaerobic training and assessment.

EXCALIBUR SPORT

The ergometer is speed independent up to 180 r.p.m. with a constant workload up to 1300 W and up to 2000 W during Wingate testing. Both racing saddle and handlebars offer a variety of position options for optimal performance.

FEATURES

- Braking principle: Eddy current
- Workload and RPM display
- Racing saddle, handlebars and toe clips are standard
- Wingate up to 2500 Watts
- Workload Programmer

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 18.1" (46 cm)
x 44.9" (114 cm)
- Net weight: 138.9 lbs (63 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: 2008, ISO 13485: 2003
- IEC 60601-1

OPTIONS

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



EXCALIBUR SPORT

ACCURACY & RANGES

- Work Load Range: 8 to 1500 W
- Wingate up to 2500 W
- RPM Independent 25 to 180
- Work Load Accuracy: < 100 W, 2 W,
100 to 1500 W ≤2% >1500 ≤5%
- RPM Accuracy: Analog meter <2% full
scale LCD Work Load Programmer ± 1
r.p.m.
- RPM Range: Analog meter (0 to 180
r.p.m.)
- Digital LCD on Work Load Programmer
(0 to 255 r.p.m.)

DIMENSIONS AND WEIGHTS

- (L x W x H) 51.25" (130 cm) x 27.6" (70 cm)
x 44.9" (114 cm)
- Net weight: 220 lbs (100 kg)
- Maximal subject weight: 396 lbs (180 kg)

ENVIRONMENTAL CONDITIONS DURING USE

- Temperatures: 14° - 40°C (57° - 140°F)
- Humidity: 30% - 90% at 25° - 40°C
(70° - 104°F) non condensing
- Barometric Pressure: 70 KPa to 106 KPa
(425 - 795 mmHg)

ELECTRICAL POWER REQUIREMENTS

- 115/230 (VAC), 50/60 (Hz)
- Power consumption: 25 VA (standby) 85
VA (1000 W Workload)

STANDARDS & SAFETY

- ISO 9001: 2008, ISO 13485: 2003
- IEC 60601-1

OPTIONS

- Pedal Force Measurement
- Heart rate signal
- Double connected handlebar
- Zero watt start-up



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