

LODE ERGOMETERS	CORIVAL	EXCALIBUR SPORT	DYNAVIT	ANGIO
WORK OUTPUT RANGE - hyperbolic - linear - increments - peak load	7 - 750 watt continuous 7 - 750 watt continuous 1 watt 1000 watt	10 - 1300 watt 10 - 1300 watt 1 watt 1300 watt	15 - 700 watt 15 - 999 watt 1 watt 999 watt	7 - 750 watt continuous 7 - 750 watt continuous 1 watt 1000 watt
BRAKING SYSTEM - electro - magnetic	eddy current	eddy current	eddy current	eddy current
CONSTANT LOAD - rpm independent	yes 30 - 150 rpm	yes 30 - 180 rpm	yes 25 - 180 rpm	yes 30 - 150 rpm
CONTROLLER - workload accuracy	internal 7-100W +/- 3W 100-750W ≤3%	external WLP 10-100W +/- 2W 100-1300W ≤2%	integral WLP 15-60W +/- 3W > 60 W ≤2%	external 7-100W +/- 3W 100-750W ≤3%
- functions	workload, rpm, distance, time, fixed torque	workload, rpm, time, Est. VO ₂ energy	workload, rpm, heart rate, energy, time	workload, rpm, distance, time, fixed torque
- protocols	optional: HRC, 50 free	Astrand, 50 free	HRC, 100 free	optional: HRC, 50 free
- display (type) - display settings: - workload - rpm	LCD 2x16 char. custom selectable 7-1000 W 0-255 digital 0-180 bargraph	LCD graphic 10 - 1300 W 0-255 digital on WLP 0-180 analog on ergometer	VFD 2x16 char. 25 - 999 W 0-200 digital	LCD 2x16 char. custom selectable 7-1000 W 0-255 digital 0-180 bargraph
- timer - distance - torque	yes yes yes	yes	yes	yes yes yes
CALIBRATION	dynamic	dynamic	dynamic	dynamic
INTERFACE	analog + digital	analog + digital	digital	analog + digital
SEAT & HANDLEBARS - stepless adjustable seat - adjustable handlebars	520 - 820 mm 360°	490 - 915 mm + 195 mm hor. 310 mm hor. + 200 mm vertical	500 - 750 mm 60°	
MAXIMUM PATIENT WEIGHT	160 kg	160 kg	135 kg	
TOECLIPS ON PEDALS	yes	yes (e.g. click pedals)	optional	yes
L x W x H, cm (inch)	115 x 60 x 114 (45,3 x 23,6 x 45)	125x60x107 (49,2x23,6x42,1)	76x47x107 (30x18,5x42,2)	73x42x54 (28,8x16,5x21,3)
WEIGHT	56 kg	91 kg	53 kg	33 kg
POWER REQUIREMENTS	115/230 VAC 50/60 Hz (130 VA)	100/110/130/ 220/240 VAC 50/60 Hz (80 VA)	110/230 VAC 50/60 Hz (45 VA)	115/230 VAC 50/60 Hz (130 VA)
ENVIRONMENTAL CONDITIONS <i>Operational:</i> - temperature °C (°F) - humidity (non-condensing) <i>Air pressure</i> <i>Storage:</i> - temperature °C (°F) - humidity (non-condensing) - air pressure	14 – 40 °C (57 – 104 °F) 30 – 90% 70 - 106 Kpa -25 – 70 °C (13 – 167 °F) 10 – 95% 50 - 106 Kpa	14 – 40 °C (57 – 104 °F) 30 – 90% 70 - 106 Kpa -25 – 70 °C (13 – 167 °F) 10 – 95% 50 - 106 Kpa	14 – 40 °C (57 – 104 °F) 30 – 90% 70 - 106 Kpa -25 – 70 °C (13 – 167 °F) 10 – 95% 50 - 106 Kpa	14 – 40 °C (57 – 104 °F) 30 – 90% 70 - 106 Kpa -25 – 70 °C (13 – 167 °F) 10 – 95% 50 - 106 Kpa
STANDARD & SAFETY NORMS	ISO 9001 / IEC 601-1 / FDA 510K DIN 13405	ISO 9001 / IEC 601-1 / FDA 510K	ISO 9001 / IEC 601-1 DIN 13405	ISO 9001 / IEC 601-1 DIN 13405
STABILITY	0 - 1000 W	0 - 2500 W	0 - 1000 W	0 - 1000 W
EXTENSION MODULES - Blood Pressure Measurement - Programmable Control Unit - Heart rate - 0-watt start up system - Pedal Force Measurement - Modular software - Calibrator	yes yes yes, including HRC yes yes yes yes	standard yes yes yes yes yes	standard standard, including HRC yes	yes yes yes, including HRC yes yes yes

WLP = Work Load Programmer
rpm = revolutions per minute
est.VO₂ = estimated oxygen uptake
HRC = Heart Rate Controlled

changes without prior notice