


RT300 Technical specifications

	115V	230V
Motorized Ergometer		
Size and weight		
RT300-SL/SLP	Length 31.5" (80cm) Width 19.3" (49cm) Height 36.2" (92cm) – 40.6" (103cm) 85lbs (39kgs)	
RT300-SLSA, RT300-LSA, RT300-SLA	Length 31.5" (80cm) Width 19.3" (49cm) Height 36.2" (92cm) – 40.6" (103cm) 115lbs. (52kgs)	
RT300-SA, RT300 supine	36.2" (92cm) – 40.6" (103cm)	
Shipping weight and size		
RT300-SL/SLP, RT300-SLSA/SLA/LSA base	105lbs (48kg) 31" (79cm) x 23" (58cm) x 24" (61cm)	
RT300-SLSA arm crank	40lbs (18kg) 31" (79cm) x 14" (36cm) x 16" (41cm)	
RT300-SA, RT300-supine	530lbs 240kg) 40" (122cm) x 48" (102cm) x 56" (142cm)	
Length of leg crank	4.3" (11cm)	
Speed range	Leg ergometer 15 – 55 rev/min (± 2 rev/min) Arm ergometer 15 – 55 rev/min (± 2 rev/min)	
Torque range	Leg ergometer: 1 – 29Nm (± 1 N) Arm ergometer: 1 - 20Nm (± 1 N)	
Power connection	115V~, 50/60Hz	230V~, 50/60Hz
Power input		
RT300-SL/SLP/SLSA/SLA/LSA	130VA	130VA
	460VA	920VA
Fuses		
Leg Ergometers Build 3	2 x 1.6 A, 250V, slow-blow	2 x 1.0 A, 250V, slow-blow
Leg ergometer Build 4	2 x 0.8 A, 250V, slow-blow	2 x 0.5 A, 250V, slow-blow
RT300-SA	2 x 4 A 250V slow-blow	2 x 4 A 250V slow- blow
Key materials	Aluminum, Steel, Polystyrol, Polyurethane	
Protective type		
Degree of protection	Type BF Applied Part	
Noise emission	Lpa \leq 50dB (A)	
Noise emission value	According to DIN 45635-19-01-KL2	
Mode of operation	This device is for continuous use	

Conditions: In use	5°C to 25°C (41°F to 73°F), 45% to 75% Rh 86 to 1060kPa Maximum altitude 10,000ft (3,000m)
Transporting/storing	-20°C (-4°F) to +50°C (+122°F) 10% to 90% Rh 970 to 1060hPa Maximum altitude 10,000ft (3,000m)
SAGE controller	
Display / interface	10", touch sensitive LCD
Operating system	Windows 10
Remote database connection	Windows 10
Internet access	Requires access to rtidatalink.com OR FTP using port 21rtidatalink.com OR FTP using port 21
LAN connection	Ethernet LAN 10/100Base-T, RJ45 connector
Stimulator	
Maximum voltage output	200V
Maximum number of channels	16
Number of muscle groups	14 for leg therapy 22 for arm therapy abdominals and erector spinae for both leg and arm therapy
Current output per channel	0 – 140mA (\pm 2mA) with 100 to 1500 Ω load
Waveform type	Alternating monophasic, charged balanced
Pulse period	10 – 100msec; default: 30msec
Pulse width	50 – 3000 μ s; default: 250 μ s
Maximum output charge per pulse frequency	70 μ C
Graphical representation of typical output	