

Příloha číslo 1 smlouvy Specifikace předmětu servisu

1 KS -BTL CARDIPOINT-CPET

Technické parametry systému:

Flow meter	PinkFlow
Type	PPF-18
Principle	Symmetric and averaging Pitot tube
Flow range	±18 l/s
Accuracy	±2% or 50 ml, whichever is greater
Dead space	36 ml
Resistance	60 Pa/l/s @ 15 l/s
CO2 gas analyzer	NDIR
Range	0-10%
Accuracy	0,05%
Response time T90	130 ms
O2 gas analyzer	PRE-101/cc: Chemical cell PRE-101/pm: Paramagnetic oxygen sensor
Range	0-100%
Accuracy	0,05%
Response T90	130 ms
ECG	
Leads	12 Standard + 3 Frank
Resolution:	2.5 uV/bit 12 bit A/D
Size without patient circuit	Height: 130 mm Wide: 260 mm Long: 390 mm
Weight	4 kg
Power supply	90 ÷ 260 VAC 50/60 Hz
Power consumption	60 VA

Měřené a počítané parametry:

Ergospirometer exercise test	
WR	Load
VE	Minute ventilation
VT	Tidal volume
fR	Breath frequency
VO2	Oxygen consumption
VO2max	Maximal Oxygen consumption
VO2max/kg	Maximal Oxygen consumption pro boy weight
VCO2	Carbon dioxide production
VCO2max	Maximal carbon dioxide production
RER	Respiratory exchange ratio
AT	Anaerobic Threshold
Syst	Systolic blood pressure
Dia	Diastolic blood pressure
HR	Heart Rate
Forced ex and inspiration	
FVC	Forced Vital Capacity
FEV*0.5	Forced Expiratory Volume in 0.5 second
FEV*1.0	Forced Expiratory Volume in 1.0 second
FEV*0.5/IVC	Ration of FEV*0.5 and IVC in %
FEV*0.5/FVC	Ration of FEV*0.5 and FVC in %
FEV*1.0/IVC	Ration of FEV*1.0 and IVC in %
FEV*1.0/FVC	Ration of FEV*1.0 and FVC in %
PEF	Peak Expiratory Flow
FEF*25-75%	Forced mid-Expiratory Flow rate
FEF*75%	Forced Expiratory Flow at 75% lung volume
FEF*50%	Forced Expiratory Flow at 50% lung volume
FEF*25%	Forced Expiratory Flow at 25% lung volume
FET	Forced Expiratory Time
MTT	Mean Transit Time
FIVC	Forced Inspiratory Vital Capacity
FIV*0.5	Forced Inspiratory Volume in 0.5 sec
FIV*1.0	Forced Inspiratory Volume in 1.0 sec
PIF	Peak Inspiratory Flow rate
FIF*25-75%	Forced mid-Inspiratory Flow rate
Static vital capacity	
IVC	Inspiratory Vital Capacity
IRV	Inspiratory Reserve Volume
ERV	Expiratory Reserve Volume
TV	Tidal Volume

SVC	Slow Vital Capacity
Maximal Voluntary Ventilation	
MVV	Maximal Voluntary Ventilation
MVV*f	Maximal Voluntary Ventilation Frequency
W	Work of Breathing at Resistance Measurement

Příloha č. 2



Příloha číslo 2 smlouvy
Seznam spotřebního materiálu pro provádění BTK

K provádění BTK není potřeba žádný spotřební materiál.