

Materials List for:

Combining Volumetric Capnography And Barometric Plethysmography To Measure The Lung Structure-function Relationship

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Materials

Name	Company	Catalog Number	Comments
Computer with dual monitor	Dell Instruments		
PowerLab 8/35*	AD Instruments	PL3508	
LabChart Data Acquisition Software*	AD Instruments	Version 8	
Gemini Respiratory Gas Analyzer* (upgraded option)	CWE, Inc	GEMINI 14-10000	*indicates that part is available in the Exercise Physiology package from AD Instruments
Heated Pneumotach with Heater Controller* (upgraded option)	Hans Rudolph, Inc	MLT3813H-V	
3L Calibration Syringe	Vitalograph	36020	
Nose Clip*	VacuMed	Snuffer 1008	
Pulse Transducer*	AD Instruments	TN1012/ST	
Barometer	Fischer Scientific	15-078-198	
Flanged Mouthpiece*	AD Instruments	MLA1026	
Nafion drying tube with three-way stopcock*	AD Instruments	MLA0343	
Desiccant cartridge (optional for humid environments)*	AD Instruments	MLA6024	
Resistor	Hans Rudolph, Inc	7100 R5	
Flow head adapters*	AD Instruments	MLA1081	
Modified Tubing Adapter (optional)	AD Instruments	SP0145	
Two way non-rebreather valve (optional)*	AD Instruments	SP0146	
Plethysmograph	Vyaire	V62J	
High Purity Helium Gas	Praxair	He 4.8	
6% CO ₂ and 16% O ₂ Calibration Gas	Praxair	Custom	
Microsoft Excel	Microsoft	Office 365	