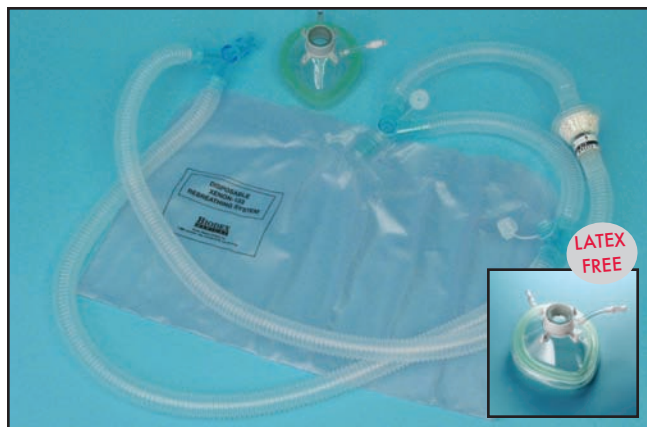


XENON-133 REBREATHING SYSTEM

Disposable pre-packaged complete kits



Shown with **AIR-CUSHIONED™** Face Mask with Direct Dose Administration



System 060-133 shown with mouthpiece

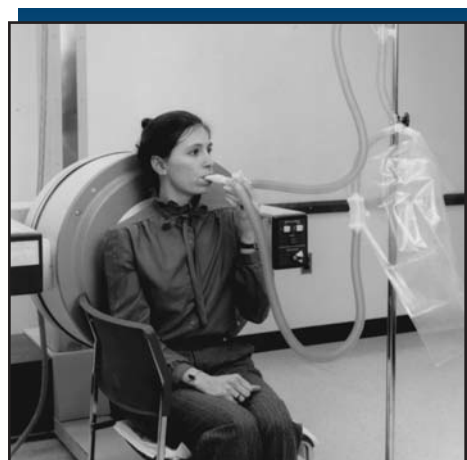
The Xenon-133 Rebreathing System provides the clinician with a simple, safe and inexpensive method of administering Xenon-133 to perform perfusion steady state and washout studies. A 35 liter bag provides ample volume for patient maintenance and collection of expired Xenon-133.

This disposable system is constructed of inert, non-permeable plastic, thereby precluding xenon absorption or transfer through the device's components. The system is designed to accept any xenon cylinder or syringe/gun administration system.

Choose the mouthpiece or the face mask with direct dose; each comes as a complete disposable system including a pre-filled Soda-Lime absorber cartridge to prevent messy measuring and to save time. Whichever system you prefer, the xenon gas is administered directly to patient for single breath static imaging. Thereafter, the patient rebreathes to equilibrium.

Perfusion studies are easily accomplished by placing the patient on the system and injecting the dissolved xenon/saline intravenously while the patient holds their breath.

Washout is accomplished by opening one valve, thereby admitting external air to the intake side. Upon completion of patient washout, the system is sealed by means of an appropriate clamp, such as a hemostat or kelley clamp. The user removes the system to a storage area for decay or to a hood for venting. The unit is then repackaged in the resealable bag provided and disposed of according to NRC regulations.



060-133 Xenon-133 Rebreathing System, Mouthpiece ®
Kit includes: Mouthpiece (130-551)

060-137 Xenon-133 Rebreathing System, Adult ®
*Kit includes: **AIR-CUSHIONED™** Face Mask with Direct Dose Administration (132-698)*

This product is available through:

JRT Associates

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Elmsford, NY 10523
800-221-0111