

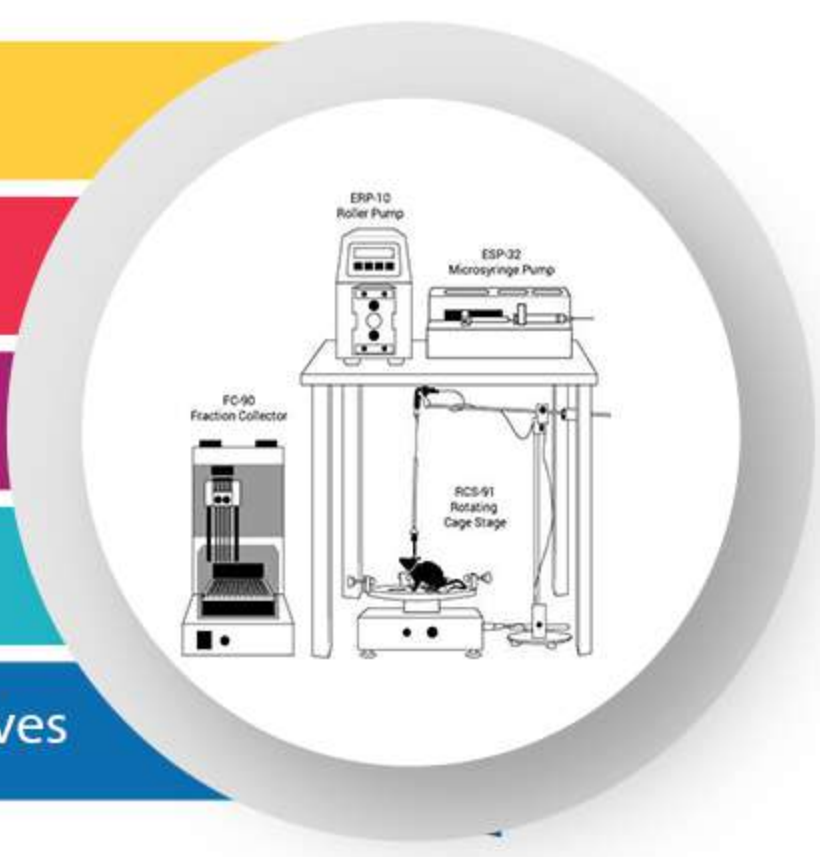
# ATMOSLM™ PROBES



## PRODUCT DESCRIPTION

AtmosLM™ probes makes use of large pore membranes to enhance recovery of large molecules by microdialysis, but circumvent the pitfalls of traditional “push-pull” microdialysis. The AtmosLM™ probe system eradicates worries about:

- 01 Membrane Leakage
- 02 Mismatched Push
- 03 Pull Side Pumps
- 04 Bubbles Foming in the Tubing
- 05 Long Equilibration Times or Extra Valves



## ATMOSLM™ MICRODIALYSIS PROBES FEATURES



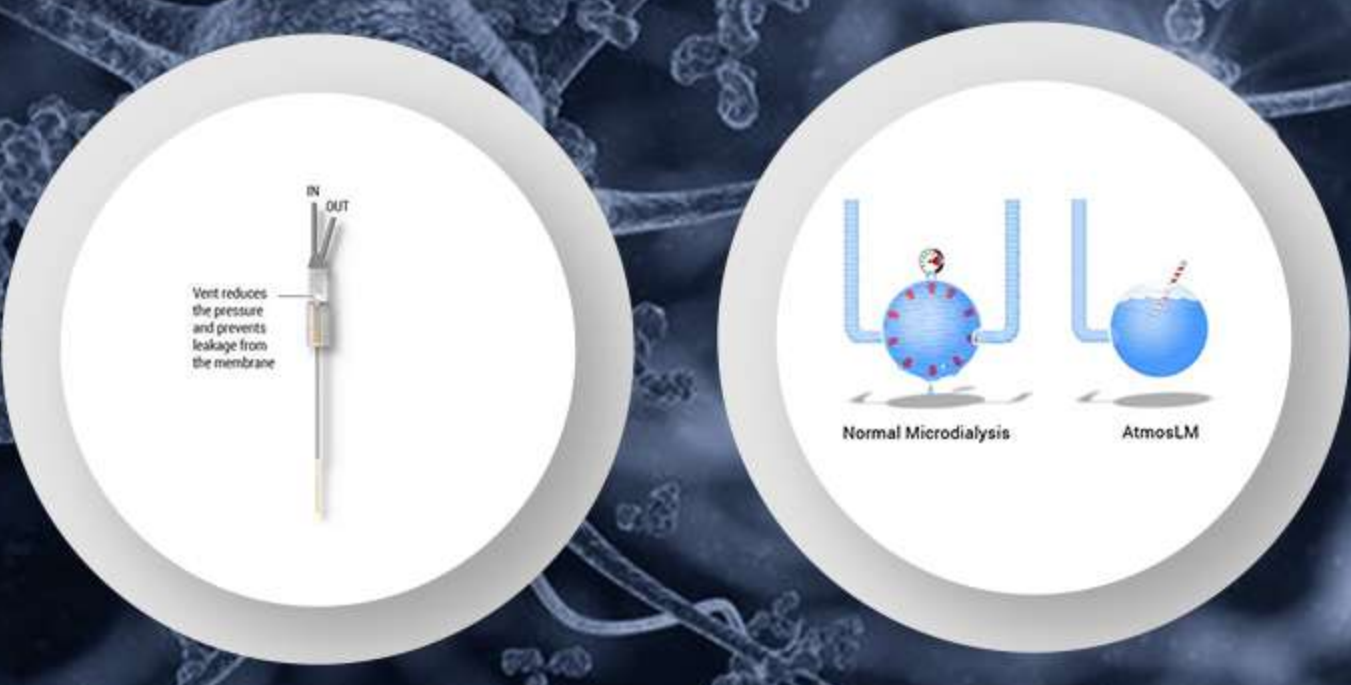
**LARGE PORE MEMBRANES**  
Large pore membranes for better recovery of large molecules such as antibodies, neuropeptides and cytokines.



**PRESSURE EQUALIZATION**  
A vent hole at the head of the probe for pressure equalization inside the membrane with outside atmospheric pressure.

## WHY EICOM?

Eicom’s patented design eliminates the leakage (ultrafiltration) challenges associated with large pore membranes when under pressure, prevalent in large molecule recovery with Microdialysis.



## BUNDLE CONTENTS

AtmosLM™	Microdialysis Probe	Probe to allow molecules to go through. Has a vent to prevent internal pressure from exceeding atmospheric pressure.
	Guide Cannula	Guide for insertion of probes.
	Dummy Cannula	Prevents CSF from flowing into guide cannula during animal recovery.
	Stereotaxic tool	Used for guide cannula implantation.
	Tubing (Inflow and Outflow)	Inflow tubing is narrower than outflow tubing to reduce pressure.
	Cap Nuts	Used to anchor the dental cement for secure connection of microdialysis probe to guide cannula.
	Syringe Pump	Used before the probe to push molecules. AtmosLM™ uses both pumps.
	Roller Pump	Used after the probe to pull molecules. AtmosLM™ uses both pumps.
	Fraction Collector	Sample collection.