

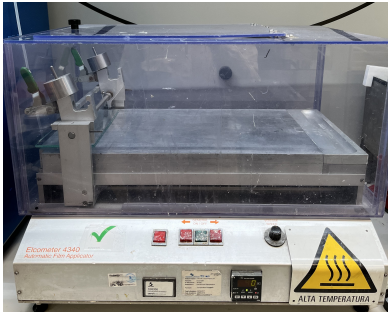
Solution casting

APPLICATIONS	
Hemodialysis	Wastewater treatment (MBR)
Food and beverage	Reverse osmosis
	Gas separation

THEORY, KNOWLEDGE, & MODELS	
Non Solvent Induced phase Separation (NIPS)	Dense film casting
Vapor Induced phase Separation (VIPS)	



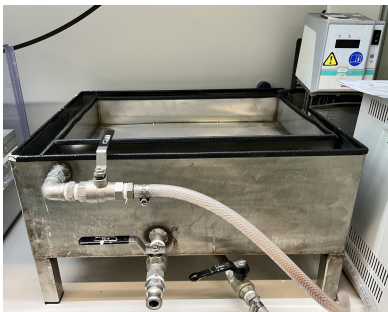
Casting knives



Stendifilm Elcometer (25-100 °C; speed 5-100 mm/s)



Film Applicator DeltaE
(25-300 °C; speed 5-100 mm/s)



Coagulation bath (5-40 °C)



Climatic chamber (25-90 °C and RH 0-95%)



Vacuum ovens (25-220 °C and 0-1100 mbar)