



The automatic film coater MEMCAST™ is ideal for the synthesis of flat sheet polymeric membranes by coating a thin film of a polymer solution followed by the immersion of the films in a coagulation bath to obtain the final membrane via wet phase inversion. Reproducible film layers can be prepared, either self standing (e.g. coating directly onto glass, stainless steel, etc.) or on various substrates (e.g. nonwoven, polymeric supports, etc.).

The design minimises movement during film application in order to obtain smooth and consistent films. It is robust, durable, easy to clean and very user-friendly.

	MEMCAST™	MEMCAST™ PLUS
Coating size	ca. 340 * 500 mm	ca. 340 * 500 mm
Coating speed	0.4 up to 10 cm/s	0.4 up to 10 cm/s
Heating of the coating surface	Not applicable	Up to 80 °C

COMMON TO ALL MODELS:

- Includes a flat coating plate.
- Easy mechanism to attach/detach the coating support, allowing fast immersion in a coagulation bath.
- Automatic return of the pushing mechanism at the end of the coating length.
- Optional stop of the pushing mechanism during application to determine the length of the coating.

Dimensions (approx.) 780 x 490 x 320 mm
Weight (aprox) 29 kg (64 lb)

A wide range of single line and high throughput casting knives is available offering different coating thickness, ranging from 50 um up to 1000 um. The user can select the number of coating lines, comprised between 1 and 8.