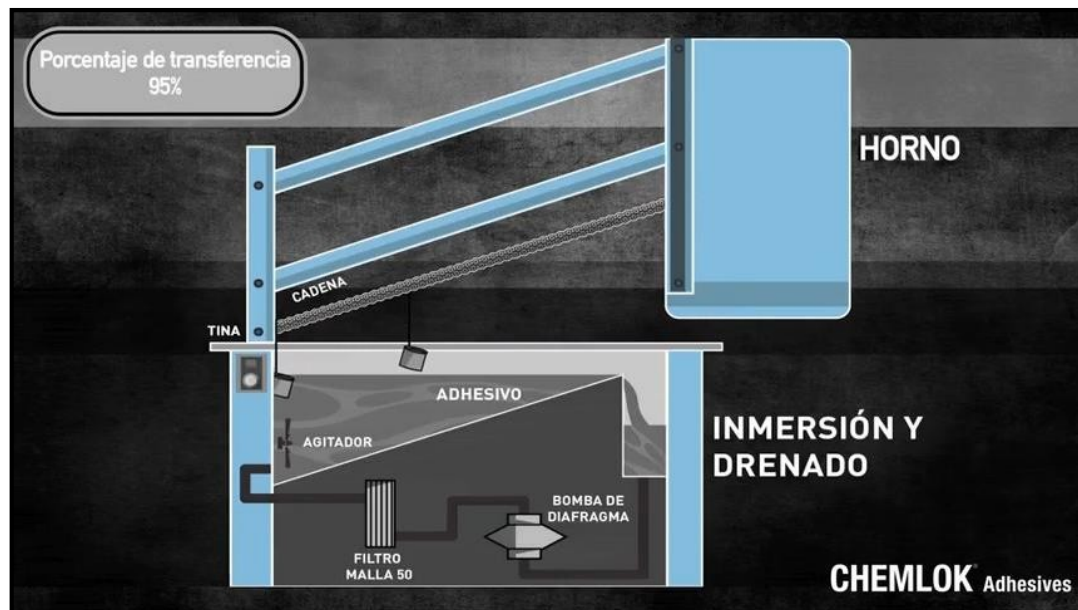


## Dip Coating Machine

- Fully automated and highly accurate instruments for thin film deposition
- Dip coating refers to the immersing of a substrate into a tank containing coating material, removing the piece from the tank, and allowing it to drain. The coated piece can then be dried by force-drying or baking. It is a popular way of creating thin film coated materials along with the spin coating procedure.



- The dipping is repeated exactly the same each time and is therefore both user independent and highly reproducible.
- Dip coating is one of the most widely-used coating processes in industry and academia for producing thin films. By controlling the speed of substrate withdrawal from solution, you can vary the thickness of the deposited film
- A high-precision motor means that the rate of withdrawal - and therefore the film thickness - can be controlled with a high degree of accuracy and reproducibility.
- The technique is applicable all the way from the small laboratory research to industrial high throughput.

### ➤ Features:

- High-Precision Motor -: Building upon motorized stages used in our slot-die coater and syringe pump, we have used a motor with a high degree of accuracy and reproducibility. You can be sure that each time you coat your sample, you will get the same results every time.
- Smooth Motion -: With the micro-stepping motor, your substrate will be immersed and withdrawn using smooth and precise movements, ensuring high-quality film coatings.
- Versatile Substrate Compatibility -: You can dip coat substrates of various sizes,

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shapes, and material

- Wide Range of Speeds -: Our Dip Coater can withdraw a substrate from solution at a varying rate. This gives a wide range of coating thicknesses - all from a single dip-coating system.
- Compact Size -: The small footprint of the system enables you to perform measurements even in the smallest and busiest labs!