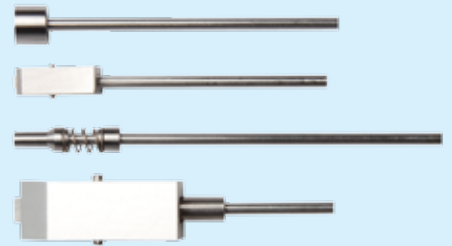


KIBRON LayerX



Kibron's LayerX is a precision dip coater facilitating thin film deposition on a variety of different substrates. Our flexible dip coaters may be used standalone or in combination with our Langmuir instruments. Simple connection of the dip coater to a laptop or PC is enabled via a USB port.



Ingeniously designed removeable clamps for easy cleaning are supplied with the dip coater for both Langmuir Blodgett and Langmuir Schaeffer techniques. In each configuration the dipping angle may be flexibly adjusted by rotating the arm of the dip coater.

PERFECTING THIN-FILM DEPOSITION

The base support has M6 mounting holes for securing on the Microtrough Gx base, or any standard optical breadboard. When used with older MicrotroughX series the dipper is on a separate stand.

The dipper is delivered with clamps for both Langmuir-Blodgett and Langmuir-Schaeffer deposition.

- Langmuir-Blodgett: The Dip Coater clamp holds the substrate in vertical position suitable for Langmuir-Blodgett dipping.
- Langmuir-Schaeffer: The substrate is held perpendicular to the axis of the clamp suitable for the (horizontal) Langmuir-Schaeffer mode.

PRECISION AT LIQUID INTERFACES



KIBRON

DIPCOATERS CAN BE SUPPLIED WITH A STANDALONE BASE OR WITH 25 MM X 25 MM BREADBOARD STANDARD



FEATURES & BENEFITS



PRODUCT SPECIFICATIONS	LX90	LX175
Dipping range (mm)	90	175
Speed range (mm/min)	0,0015 – 225	0,0015 – 225
Weight (kg)	0,65	1,81
Dimensions, H x W x L (mm)	200 x 40 x 40	285 x 40 x 40
Substrate thickness (mm):	3	3
Maximum sample load (g)	500	500
Power supply	USB-C (5V)	USB-C (5V)

Stainless steel vacuum holder for LS deposition

Please contact us for a quote for your specific needs.



The Layer X Dip Coater software offers a wide range of available commands as well as a script language for user programming & bespoke experiments. Specific event based control or triggering is available within the software as it interfaces directly with the Microtrough control output data. Detection of the substrate touching the liquid surface by following the surface pressure sensor can act as an event change and subsequently allow a change in operation of the dip coater. This is just one illustration of the software and Dip Coaters flexibility.



MORE TOOLS, PLATES, TROUGHS AND OTHER ACCESSORIES ON WWW.KIBRON.COM



KIBRON

Kibron Inc. manufactures state-of-the-art tensiometers, langmuir-blodgett troughs as well as customer specified surface chemistry equipment. Since its founding, 1994, Kibron has focused on innovation, user benefits and dependable service.

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