

RDC 15

DIP COATER

The RDC 15 is a machine designed for laboratory dip coating of modern liquid photo-resist. Today a more and more popular application is the so called: „sol-gel-application“. This machine was developed to meet the demand of a greater variety of speeds, iterations, dipping and drip off times and heavier workpieces.

Features:

- Lift bar for several workpiece fittings. The dipping height and the sizes of the aluminium profiles can be easily adapted to even dip-coat bulky items.
- The insertion and the drawing or coating speed is separately adjustable from 30 mm/min until 7200 mm/min.
- The dipping time as well as the drip-off-time (pause time up and down) is separately adjustable from 1 s up to 99h : 59min : 59s. This enables the machine not only to coat but to precisely develop. This is of great importance with certain photo coatings of the miniature etching technology.
- Up to 8 iterations are possible.

- The working range of the lift bar can be adjusted via the control panel. The maximum size of the workpiece is therefore only limited by the maximum lift range of the machine and the size of your cuvette.



RDC15

Stroke length:	0 - 600 mm
Maximum load:	1,5 kg
Weight:	12 kg
Dimensions (BxTxH):	28 x 47 x 96 cm
Insertion speed:	Programmable von 30-7200mm/min
Drawing speed:	Programmable von 30-7200mm/min
Dipping Time:	0.5 s – 100 Std
Drip Off Time:	0,5 s – 100 Std
Iterations:	Up to 8 times
Power Supply:	100 – 240V; 50-60 Hz 1.6 A, 100W

RDC 21-K

Advantages compared to RDC15:

- Foil keyboard for easy data entry
- Virtual end switch avoids unnecessary drives
- Separate speed settings for dipping, coating and positioning drives possible
- Stronger Stepper motor enables a 4-times higher load (5 kg instead of 1,5 kg).
- Minimum speed down to 3 mm/min. As an option 1.5 mm minimum speed also possible
- Parameters are stored for the next job after switching off machine
- Controller is tiltable and removeable

RDC 21-K

Stroke length:	0 - 580 mm
Maximum load:	5 kg
Weight:	12 kg
Dimensions (BxTxH):	28 x 47 x 100 cm
Insertion speed:	Programmable from 3-3500 mm/min or 1.5 - 3500 mm/min
Drawing speed:	Programmable from 3-7000 mm/min or 1.5 - 3500 mm/min
Dipping Time:	0.5 s – 100 Std
Drip Off Time:	0,5 s – 100 Std
Iterations:	Up to 1000 times
Power Supply:	100 – 240V; 50-60 Hz 3 A, 100 W

RDC 30 MULTIDIP

COMING UP !

New development!

- Rotary table with 6 cups for multi-coating!
- Each dive individually programmable (diving, drawing speed, dipping and dropping time)
- integrated magnetic stirrer with programmatic function and speed (1 - 999 1/min)
- Diving and drawing speed between 3 - 7000 mm/min
- Save this job and job iterations possible

