

# Laboratory Dip Coater

## RDC 21 Stepping Motor Drive

The RDC 21 is a machine designed for laboratory dip coating of modern liquid photoresists. 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:

- programmable insertion speed
- programmable drawing speed
- programmable dipping time
- programmable drip off time
- up to 8 iterations are possible.
- programmable working range of the lift bar
- your set parameters remain stored even after switching off machine

### Additional options:

- On request we manufacture Dip Coaters according to your needs. Especially the dipping height and the sizes of the aluminium profiles are easily changed.



### Advantages compared to RDC15:

- adjustable step resolution for vibration free driving behaviour
- Stronger Stepper motor enables a 4-times higher load (5kg instead of 1,5 kg)
- At costumer's choice we offer a 1:2 gear reduction for higher speeds instead of the general 1:5 reduction.

RDC 21	
Stroke length:	120 - 605 mm
Maximum load:	5 kg (reduced max. speed with maximum load)
Weight:	14 kg
Dimensions (WxLxH):	280x470x1050 mm
Insertion speed:	Programmable from 8 mm/min - 7200 mm/min
Drawing speed:	Programmable from 8 mm/min - 7200 mm/min
Dipping Time:	0,5s - 100h
Drip Off Time:	0,5s - 100h
Power supply:	100-240 V, 50-60 Hz, 3,0 A
Stroke length:	120 - 605 mm

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