

# ND-DC Dip Coater

Thin films by dip coating



Nadetech ND-DC Dip Coater is a completely automatized unit for thin films fabrication via dip coating. Its design and programmable software permits to control and automatize every deposition parameter with high accuracy and reproducibility. ND-DC is used to obtain nanometric coatings with one or multiple layers by dip coating techniques, such as sol-gel, polymeric layers, self-assembled monolayers and all kind of biofilms.

High  
precision  
control

Dip coating  
Sol-gel

Windows®  
user friendly  
software



1 year  
Warranty

	ND-DC 11/1 75	ND-DC 11/1 150	ND-DC 11/1 300
<h2 style="color: #a52a2a;">Technical specifications</h2>			
Displacement	75 mm	150 mm	300 mm
Minimum speed	0.01 mm/min	0.01 mm/min	0.01 mm/min
Maximum speed	150 mm/min	150 mm/min	150 mm/min
Maximum sample weight	1000 gr	1000 gr	1000 gr
Dimensions (L-W-H)	327x225x315	327x225x415	350x300x743

The versatility and reliability of ND-DC Dip Coater make it the optimal system for manufacturing homogeneous thin films via dip coating techniques, like sol-gel, polymeric layers, multilayer structures, biofilms, deposition of antibodies, enzymes and other types of biofilms. Its broad range of applications includes the fabrication of solar cells, electronic components, sensors, protective layers or biocide layers and other smart coatings.

Nadetech's user friendly Windows® based software permits to control all the coating process parameters with high accuracy. The user has a full automatized control of the initial and final positions, immersion speed, submersion time, withdrawal speed, drying period and number of cycles. Nadetech®'s software also allows to manage and automatize the stirring speeds. This wide range of settings can be stored for further usage, which guarantees a high reproducibility of the coatings.

## Software requirements

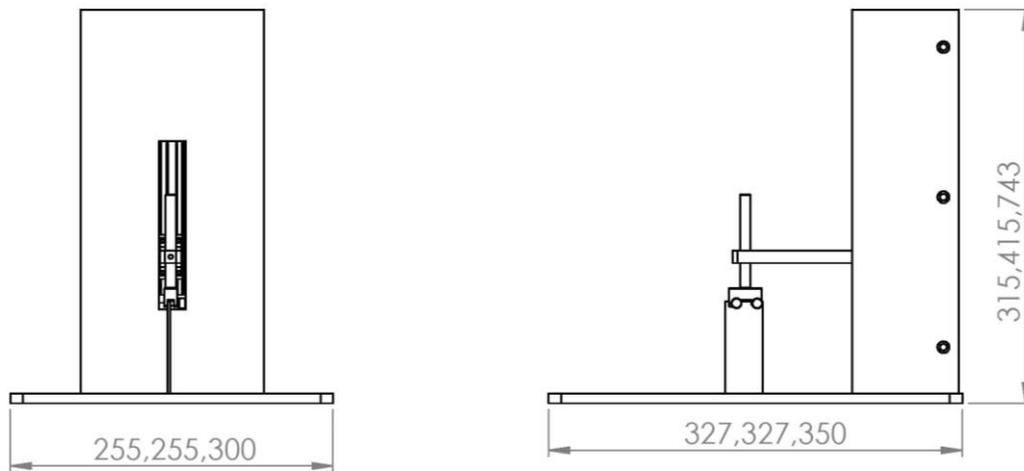
- Operative system**  
Windows XP; Windows Vista; Windows 7; Windows 8; Windows 10
- Processor**  
Pentium 400 MHz or equivalent (Minimum) | Pentium 1 GHz or equivalent
- RAM**  
96 MB (Minimum) | 256 MB (Recommended)
- Hard Disk**  
The Installation requires 500 MB of free disk space
- Monitor**  
800x600, 256 colors (Minimum) | 1024x768 high color, 32-bit (Recommended)


[https://youtu.be/AQ\\_5R3s9sbM](https://youtu.be/AQ_5R3s9sbM)


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## Dimensions



Dimensions: ND-DC 11/1 75, ND-DC 11/1 150, ND-DC 11/1 300

## Accessories

ND-DC Cabin



Protect the dip coating process from particles and airflow.  
Inner USB and Power connexions

ND-DC Multisample holder



Simultaneous dipping  
4 sample holder

ND-DC Humidity & Temperature sensor



High precision humidity and temperature sensor  
Dust and dirt protected  
0-100% RH / -40 to 60°C

ND-DC pH Sensor



pH sensor  
Easy installation  
0-13 pH working range

ND-DC Magnetic Stirrer



Speed control software  
Stirrer speed up to 1000 rpm  
Volume up to 1L

ND-DC Touchscreen



7" Touchscreen  
Intuitive software