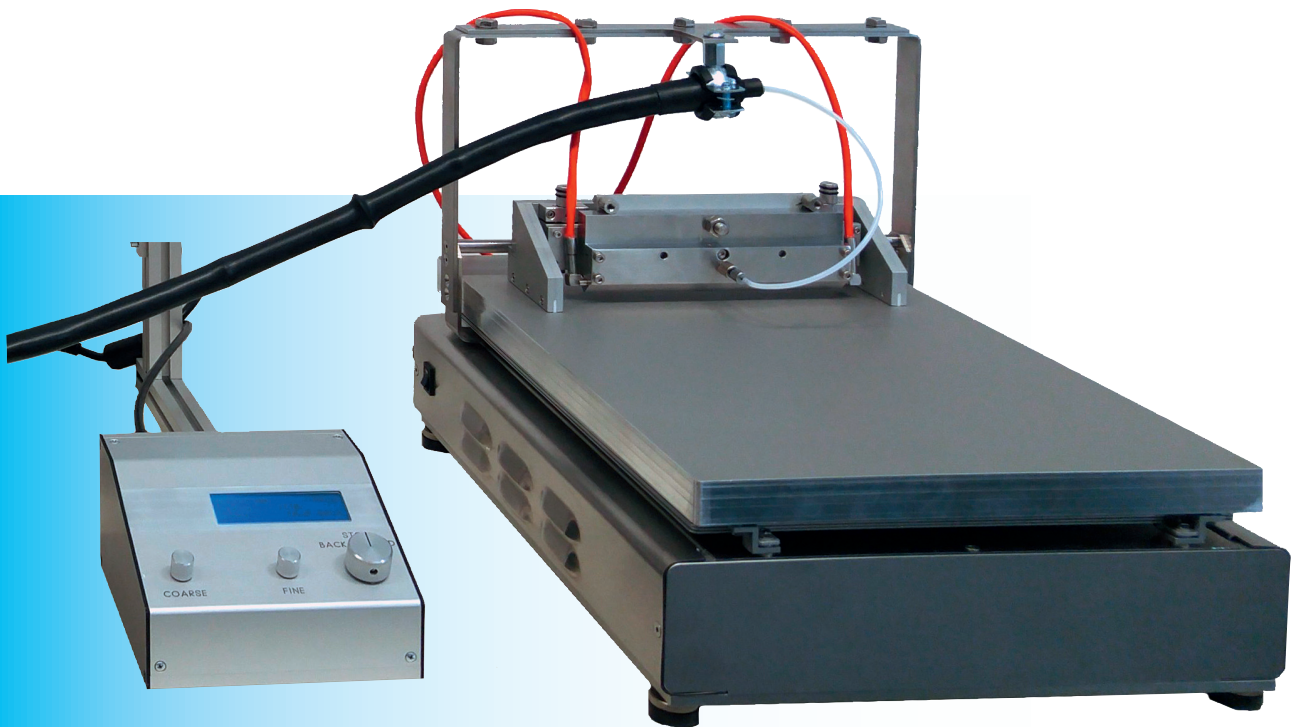


Thin Film Coater TFC200-400

The Smart Way To Start
Your Upscaling Research



Printing tool for research and development

Slot die coating *and*
doctor blading with one device

Printed solar cells and LEDs

From lab scale to DIN A4/Letter size
coating area

Printing functional films
with precision down to the
nanometer regime

Coating speed 1–100 mm/s
in 0.1 mm/s steps

Usable with almost all available
applicators

Slot die coating heads and
mounts + Doctor blade with adjustable
gap available

Heated (vacuum) plate with up to 150
°C + Slot die: heating options for
coating inks and heads

TFC: options and accessories

Small size from only
200 x 300 mm² – large deposition
area (150 x 150 mm²)

Ideal for precious lab space with
minimized heat dissipation,
especially important in glovebox
environments

Transform a doctor blade/
automatic film applicator into a
slot die printer

Slot die heads with up to 300 mm
coating width

As bundle with slot die head, slot
die mount, syringe pump and
consumables

Slot Die Applicators and Coating Heads

Art.No.	Description
SA80	Slot die applicator for 80 mm coating head
SC80	Coating head 80 mm
SH80	Heating system for coating head 80 mm incl. ink and pipe heater, 4 temperature controllers for individual heating
SA150	Slot die applicator for 150 mm coating head
SC150	Coating head 150 mm
SH150	Heating system for coating head 150 mm incl. ink and pipe heater, 4 temperature controllers for individual heating
SP	Syringe pump
SC200	Coating Head 200 mm
SC300	Coating Head 300 mm
Consumables	Syringes, pipes, adapters, shims, etc.

Size Options

Art.No.	Description
TFC200	Film applicator small 200x300 mm ²
TFC300	Film applicator medium 300x400 mm ²
TFC400	Film applicator large 400x500 mm ²
TFCXXXH	With hotplate
TFCXXXVH	With vacuum hotplate and vacuum pump

Adjustable Doctor Blades

Art.No.	Description
DB200	Small, length 200 mm
DB300	Medium, length 300 mm
DB400	Large, length 400 mm