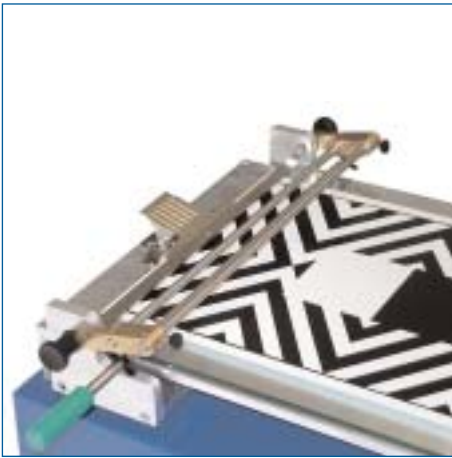
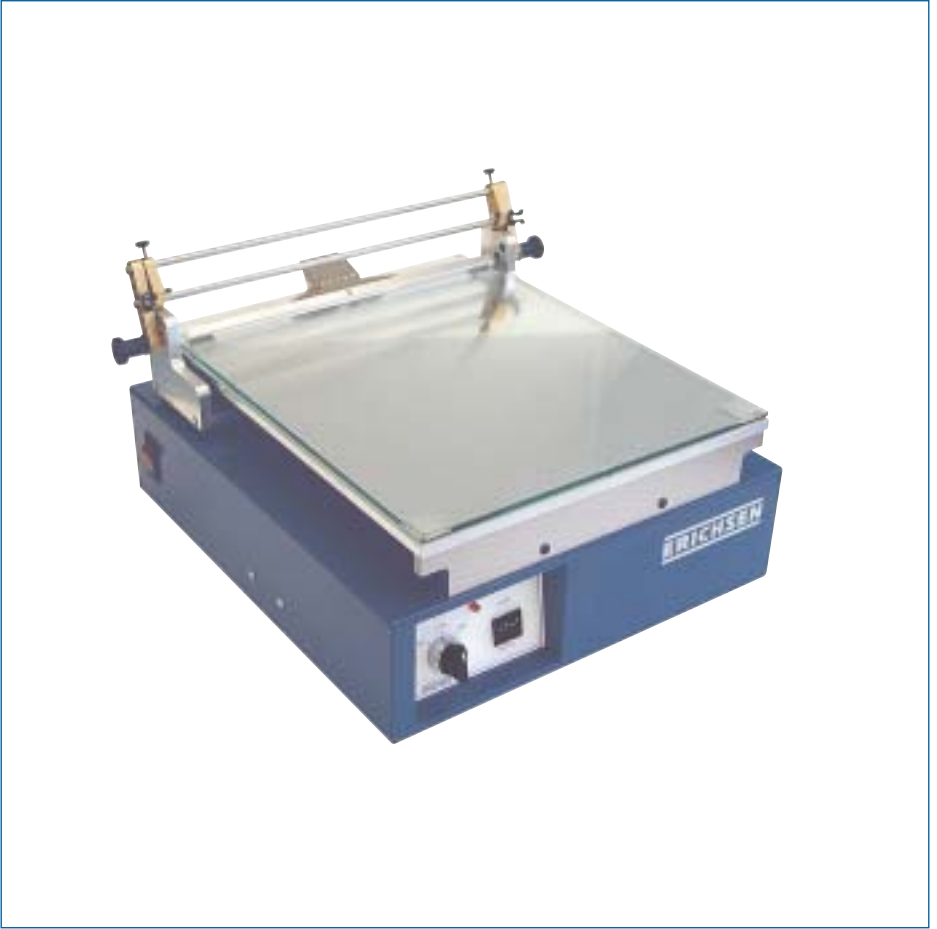
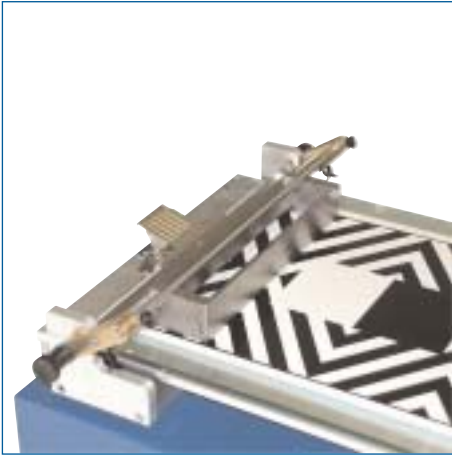
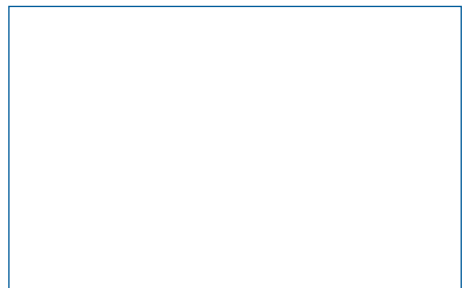
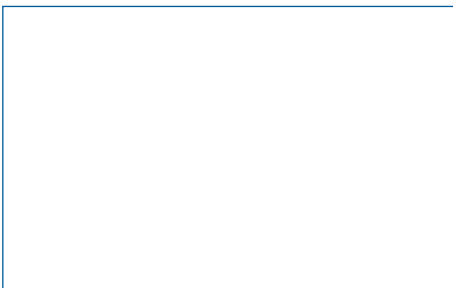
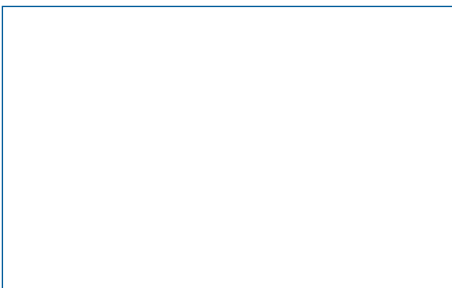


**Film Applicator  
UNICOATER 409**



testing equipment for quality management



## Purpose and Application

The **UNICOATER 409** is a budget-priced, motor-driven film applicator for defined and reproducible application of coating materials on very different plain substrates. Irregularities and inaccuracies inevitable when applying films by hand, are avoided using the **UNICOATER 409**. This results in the following important advantages:

- an even and reproducible film thickness over the whole surface
- the possibility to produce very quickly a large number of identical samples.

## Design and Function

The **UNICOATER 409** consists of a compact basic unit equipped with a multifunctional applicator support for almost all normally used applicators and a glass plate which can be used as specimen support or directly as film substrate. The specimens are fixed by a rigidly mounted clamp.

The fastening of the specimen support is effected by a quick stop bolt, optionally on two levels to equalize different thickness/heights of substrates/applicators. The drawn down speed in the range of 5 to 99 mm/s can be set in increments of 1 mm/s with the help of a coding push button. The maximum application area is 33.5 cm (length) x 34.5 cm (width).

## Accessories

The user can adapt the **UNICOATER 409** to the various application requirements using the appropriate accessories available:

- flexible foam/rubber/melinex bed (recommendable for spiral film applicators)
- vacuum suction plate made of aluminium
- vacuum suction pump
- a variety of film applicators:
  - film applicator acc. to BIRD 284
  - film applicator BAKER 286
  - film applicator system Wasag, model 288, for film widths of 80, 120, 180 or 230 mm
  - spiral film applicator, model 358, for film widths of 80, 150 or 220 mm
  - quadruple film applicator, model 360, for film widths of 13, 40 or 60 mm
  - film applicator MULTICATOR 411, for film widths of 80, 150 or 220 mm
  - levelling test blade and sag tester, model 419
  - staggered-gap film applicator acc. to Krause, model 421 I, for 10 films each 20 mm wide
  - staggered-gap film applicator acc. to Krause, model 421 II, for 6 films each 35 mm wide
  - wire bars used with film applicator, model 624

- foils and test charts, model 451, in different versions:
  - plastic foils, Leneta® system
  - contrast charts with chess board pattern or large black/white fields.

For detailed information please refer to the relevant leaflets.

## Technical Data

Dimensions:

Length	450 mm
Width	400 mm
Height	220 mm

Weight: 22,5 kg

Power supply: 220-240 V, 50/60 Hz  
(115 V, 50/60 Hz upon request)

Draw down speed: 5-99 mm/s

### Ordering Information

Order No.	Product Name
0246.01.31	Film applicator <b>UNICOATER 409</b> , motor-driven film applicator including multifunctional applicator support and glass plate

### Accessories

Order No.	Product Name
0699.01.32	Foam/rubber/melinex bed
0699.02.32	Aluminium vacuum suction plate
0623.07.52	Vacuum pump incl. connectors

Subject to technical modifications.  
Group 8 - TBE 409 - III/2003