

Combination TCA 44-720 Slide Stainer and Coverslipper



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Superior quality and reliability makes this system unique in the world!

With the **Medité® TCA 44-720** combination unit, full walk-away lab automation from staining to the finished slides is now coming into your reach by merging the combination-ready **TST 44 C** continuous slide stainer with the new **ACS 720** automated glass coverslipper. Flexibility and high throughput as well as excellent quality and safety are the key features of this sophisticated **Medité®** product.



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**The newest development in
high-speed staining and
coverslipping**

Stay one step ahead and benefit from our well-established technology solution that provides valuable time and cost-savings. Our high performing continuous slide stainer **TST 44 C** combined with the new **ACS 720** automated glass coverslipper brings best efficiency in routine stains.



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Key Product Specifications

- Full walk-away lab automation from staining to the finished slides
- Trendsetting and long-known experienced technology by combination of the **TST 44 C** with the new **ACS 720** automated glass coverslipper
- Maximum flexibility with up to 12 parallel running staining programs
- Modular space saving design
- The worldwide fastest glass coverslipper currently in the market with a throughput of up to 600 slides an hour

Product specifications

Using a modular design, the **TCA 44-720** makes it easy to take the step from manual transfer to automation - even if you are on a budget, taking up only as much space as is absolutely necessary to accommodate the two units side-by-side, not requiring bulky transfer solutions.

Building on the merits of the valued **TST** family of stainers, the combination is augmented by directly attaching our **ACS 720** unit, bringing an impressive 500 slides per hour (est.) cover slipping capability.

As an added plus, our innovative slide processing technology inside the unit will return the slides inside the original staining basket and in the correct order, making identification of specially stained batches easier than ever.

Great variety of models

The high performing continuous slide stainer **TST 44 C** merges flexibility with high speeds for optimal efficiency in routine stains. The following models are available in our range:

TST 44.100 C:
with transfer station

TST 44.300 C:
with drying chamber and transfer station

TST 44.100 C Kit:
with modification kit for transfer station

TST 44.300 C Kit:
with drying chamber and modification kit for transfer station

Technical data TST 44 C



Max. number of staining protocols:

20 / 12 parallel operating programs

Max. number of programme steps:

40

Free choice for every step:

station, time (from 1 sec. to 59 min.)

Drip collection:

adjustable drain time combined with a patented drip collection technology avoids carryover of solvents
drain time 0 to 9 sec.

Number of stations:

44

including:

4 loading stations

4 unloading stations, including 1 transfer station

6 water stations for running water

optional:

2 drying stations (temperature adjustable from +40°C to +90°C)

4 water stations

30 staining stations with agitation

Contents of solvent containers:

360 ml, can be reduced to 260 ml

Dimensions (W/D/H):

1,210 x 670 x 640 mm

Weight:

115 kg

Power supply:

100-230 V / 50/60 Hz / 100 VA



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Technical data ACS 720

Process speed:

6 to 11 sec. per slide

Dispensing volume:

30 - 150 µl

Mountant container:

500 ml bottle of mounting medium



**Slide size:**

26 x 76 mm

Slide thickness:

0.9 to 1.2 mm

Capacity to load:

150 pcs., continuous

Coverglass Size - Standard:

24 x 50, 55, 60 mm

Thickness:

0.12 to 0.17 mm

Capacity to load:

300 pcs. approx.

Dimensions (W / D / H):

630 x 670 x 640 mm

Weight:

65 kg

Power supply:

100-240 V / 50/60 Hz / 400 VA

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TCA 44-720 Combination

Dimensions (W / D / H):

1,840 x 670 x 640 mm with basket storage

Power supply:

100-240 V / 50/60 Hz / 500 VA



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