

COT 20

Linear Stainer



- *The worldwide first continuous linear stainer*
- *Processing up to 1,000 samples per hour*
- *Three different models designed to offer the utmost in features and flexibility*

COT 20

Continuous Linear Slide Stainer

The worldwide first continuous linear stainer saves you precious time by processing up to 1,000 samples per hour

The **COT 20** linear slide stainer is designed to meet the ambitious requirements of today's high throughput staining histology and cytology laboratories.

The most versatile and high performance system in its market segment offers every staining capability you need.

Up to 27 staining stations and capacious staining troughs of 250 ml volume each, enable a high durability of the solutions and an optimum arrangement of programmes.

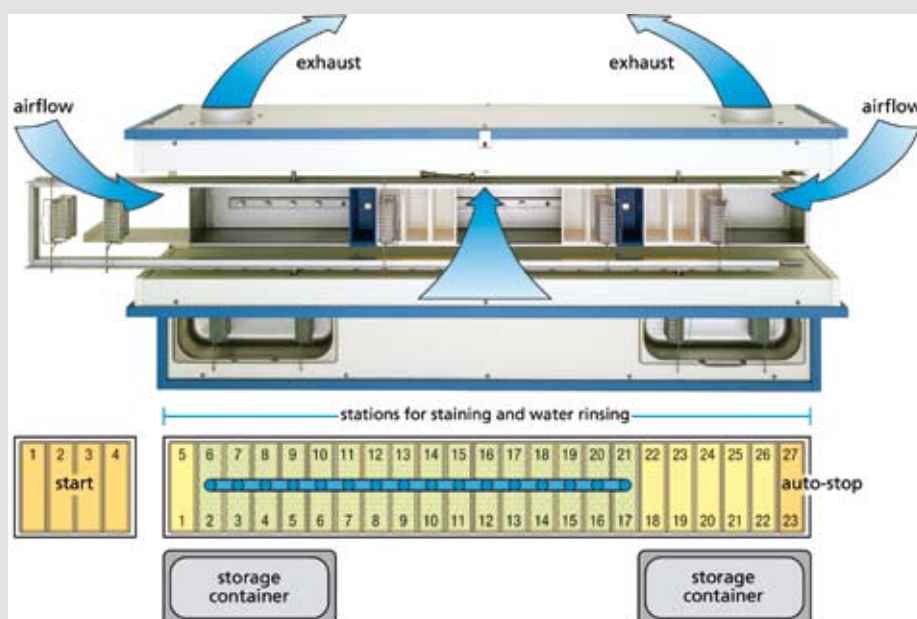
The automatic drain cycle, adjustable between 1 and 30 seconds, reduces the carry-over of the solvents. Agitation provides a better distribution of the solvents on the slides. However, it can be switched off to prevent sections of sensitive specimens detach from the slides.

The **COT 20** linear stainer is compatible to all common staining baskets in the market and therefore easy to integrate into existing lab environments.

The staining time is adjustable from 20 seconds to 12 minutes and is the same for every bath.

The flexibility of the tissue stainer **COT 20** grants a large number of variations, the use of all common staining solutions and intermedia, and the application of all staining procedures used in histology and cytology routine.

To protect user and environment, the stainer is equipped with a fume extraction system with two ventilators. For laboratories, where it is not possible to connect the stainer to a central exhaust facility, a charcoal filter unit can be installed to clean the fumes.



The individual solution for every lab:

COT 20.000

Standard version

with open side panels.

With its increased number of 27 staining stations the standard model offers the most flexible design of staining procedures and the highest throughput. The additional storage container for up to 4 slide holders equipped with 4 staining troughs allows 5 holders with 20 slides each to be started simultaneously.

Technical data:

Dimensions overall (W/D/H): 1520 x 570 x 440 mm

Weight: 55 kg



COT 20.400

Closed version

with integrated charcoal filter.

In addition to the extraction device supplied with all versions, this model with closed side panels has an integrated charcoal filter and an extra fan. It applies to labs where a connection to an external ventilation system is not possible. The solvent fumes are led via the refillable filter unit where the charcoal adsorbs the solvent residues.

Technical data:

Dimensions overall (W/D/H): 1300 x 700 x 440 mm

Weight: 65 kg

COT 20.200

Closed version

with closed side panels.

This model enables an efficient workflow at a reduced number of staining stations. It provides 23 staining stations and requires less bench space than the standard model.

Technical data:

Dimensions overall (W/D/H): 1300 x 570 x 440 mm

Weight: 55 kg



COT 20

Linear Stainer



Technical data

Start position: store for up to 4 slide baskets

Number of stations: 23 in the instrument,
4 in the store

Free choice of water station position, water flow adjustable

Staining capacity:

interval of 1 min.: about 1,000 slides per hour

Automatic drain cycle / time: on – off / variable

Agitation: on – off

Basket capacity: 20 slides, directly applicable with coverslipping machines **Medite® RCM 60/90/2000/7000**
Adapter for all coverslipping machines from Leica, Sakura and Thermo available.

Time adjustment:

staining time: 20 sec. to 12 min.

drain time: 1 to 30 sec.

2 storage containers for 10 baskets each integrated in the working plate.

Central water connection: left and right
water inlet 1/2"
water outlet 3/4"

- Optical and acoustical alarm indicating that a slide basket is ready.
- Lids for staining troughs.
- Fume extraction device for connection to an external exhaust facility.

We recommend using our consumables for the **COT 20**:

Medite® offers a great variety of **microscope slides** and **coverglasses** in different qualities and sizes. Feel free to ask us also for the suitable **staining solutions**. We shall be pleased to advise you.



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