Leica ST4040

High Throughput
Linear Staining System
In its standard set-up, the Leica ST4040 linear staining system comes complete with one, 27 station staining track including reagent and water stations. 5 of these stations can be used for loading and another 5 for unloading.

To prevent evaporative reagent loss when not in operation, the staining track can be covered with the included reagent lids.

Leica presents...
The Leica ST4040 was designed to meet the current and future needs of today's high throughput laboratories. The modular design system allows instrument configurations to match the unique specimen quantity and workflow of your Histology or Cytology laboratory.

High throughput and flexibility

• A double staining system provides easy access to reagent management with the ability to load and unload racks at the same time.

• Two separate, time synchronized staining protocols can be run simultaneously on the Leica ST4040, allowing your Histology or Cytology laboratory to run two different protocols at the same time or to run an H&E on one track and a PAP on the other.

• The dual staining option allows even more flexibility by allowing the rotation of non time synchronized protocols to be run concurrently without the time consuming process of reagent management.

Technical data

Nominal supply voltage: 100 - 240 V AC ± 10 %
Nominal frequency: 50/60 Hz
Maximum power draw: 150 VA
Working temperature range: +10 °C to + 35 °C
Relative air humidity: maximum 80 %, non-condensing
Dimensions and weights

Basic instrument (W x H x D): 1435 x 444 x 436 mm
Basic instrument with optional loading and unloading station: 1969 x 444 x 436 mm
Optional loading and unloading station: 267 x 444 x 392 mm
Working height: 318 mm
Basic instrument with accessories 73 kg
Optional loading station 16 kg
Optional unloading station 14 kg

Technical specification subject to change.
Leica Microsystems is a global leader in the development and production of innovative solutions for microscopy, visualization, measurement, lithography, and analysis of microstructures.

Leica’s reach is broad and deep, serving customers in more than 100 countries with a strong network of customer services. The company offers solutions for visualization, measurement, and analysis of microstructures, combining innovation with tradition.

The companies of the Leica Microsystems Group operate internationally in four business segments:

1. **Microscopy Systems**
   - Our expertise in microscopy is the basis for all our solutions for visualization, measurement, and analysis of microstructures in life sciences and industry. With confocal laser technology and image analysis systems, we provide three-dimensional viewing facilities and offer new solutions for cytogenetics, pathology, and materials sciences.

2. **Specimen Preparation**
   - We provide comprehensive systems and services for clinical histo- and cytopathology applications, biomedical research, and industrial quality assurance. Our product range includes instruments, systems, and consumables for tissue infiltration and embedding, microtomes, cryostats, and automated stainers.

3. **Medical Equipment**
   - Innovative technologies in our surgical microscopes offer new therapeutic approaches in microsurgery.

4. **Semiconductor Equipment**
   - Our automated, leading-edge measurement and inspection systems and E-beam lithography systems make us the first choice supplier for semiconductor manufacturers worldwide.

and representatives of Leica Microsystems in more than 100 countries.