

## Sample rinsing station

The sample rinsing station is intended for rinsing, pretreatment and preparation of various samples, for example the processing of tissue samples in the pathology laboratory.

The sample rinsing station is designed to improve employee protection, working conditions and work ergonomics. The work surface can be adjusted to a suitable height to ensure the best ergonomic working position for each user. The operation of the worktop power rinse and the optional formalin tap with foot pedals increases the ease of use. Inside the working space, there is the necessary tap and shower equipment for rinsing the samples and the work surface. The surface of the worktop has a continuous rinsing. The ventilation solution is similar to fume cupboards.

The working space of the sample rinsing station can be cleaned effectively with the rinsing function. An automatic washing program and UV disinfection are available as additional equipment for the station.

Standard configuration and available accessories are listed in Technical information.



## TECHNICAL INFORMATION

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|---|---|
| Model                                       | Sample rinsing station  |
| Materials                                   | Stainless steel AISI 304<br>(also available acid proof steel AISI 316)  |
| Widht                                       | Standard 1600 mm<br>(special widths possible)   |
| Depht                                       | 850 mm  |
| Height                                      | 2100 – 2400 mm  |
| Height of the worktop                       | Electrically adjustable in height 700 – 1000 mm   |
| Hauling dimentions                          | 1800 x 950 x 2300 mm  |
| Standards and directives taken into account | EN 14175-2 Fume cuboards<br>EN 60204-1 Electrical equipment of machines<br>EN 12100 Safety of machinery<br>Low Voltage Directive 2014/35/EU<br>EMC Directive 2014/30/EU<br>Machinery Directive 2006/42/EY                       |
| Accessories included                        | Lighting 1000 lx<br>Operations witch 0-1-2 and signal light<br>Flushing faucet with hand shower<br>Continuous rinsing of the worktop with intensity control<br>Work space flushing function                                     |
| Accessories                                 | Formalin tap<br>Automatic washing program for the workspace<br>Ready for automatic IV control<br>Increasing the lighting power<br>UV-C lamp for disinfecting the working space in connection with the automatic washing program |
| Lighting                                    | 80W LED, light intensity on worktop 1000 lx, color temperature 4000K  |
| Ventilation connection                      | d = 200 mm  |
| Exhaust air volume                          | Nominal air volume 830 m <sup>3</sup> /h (230 l/s). This results a flow rate of 0,5m/s with 30 cm sash opening and 0,3m/s with full 50 cm sash opening.   |
| Electrical connections                      | 230 V, 1N, 50 Hz, 10 A  |
| Water and drain connections                 | KV 15<br>LV 15 Water connection points on the roof of the sample rinsing station<br>Drain connection Ø75mm  |
| Control of the ventilation                  | Standard: signal light, pressure difference gauge and operation switch (0-1-2)<br>As an option an automatic air volume adjustment device can be installed   |
| Manufacturer                                | Kavika HealthCare Oy  |