

# Sample Preparation Station



Our sample preparation station comprises of three parts that could, if necessary, also be obtained individually in the course of modernization works: **laboratory table with table plate made of high pressure laminate, perforated working area and active-carbon air recirculation system.**

## **Laboratory table with table plate:**

The laboratory plate is made of eco-friendly high pressure laminate. All raw materials and woods that are used during production come from sustainably managed forests with PEFC- and FSC-certificates. The surfaces can be individually color matched with any corporate identity. Additionally, the high pressure laminate plates are coated with the antimicrobial Sanitized® coating with silver ions which kills 99.9% of the bacteria within 24 hours. A C-shaped base frame is mounted under the table plate to provide plenty of leg room when working.

## **Perforated working area:**

The perforated working area is inserted in the laboratory plate. All harmful vapors are being vacuumed downwards throughout the entire working area. When doing so, the maximum concentration values for work involving formaldehyde are being underscored.

## **Active-carbon air recirculation system:**

An active-carbon air recirculation system is placed under the laboratory table. The integrated permanganate carbon filter purifies the contaminated air and directs the clean air back to the laboratory. The great advantage in this connection is that a customer' supplied ventilation is not necessary. Thanks to its large permanganate carbon filter, the table can be in use for up to 800\* working hours. The filter can be easily replaced through the large inspection hole in the housing of the air recirculation system.

\* operation time depends of various factors

*Please refer to back page for technical details*

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## Technical Details:

### **Laboratory table with table plate:**

Material Table Plate:	38 mm high pressure laminate
Coating:	antibacterial Sanitized® coating with silver ions
C-Shaped Base Frame:	
Material:	precision steel pipe as per DIN 2395
Coating:	powder coating
Color:	light grey, RAL 7035
Overall Dimensions:	1,000 x 700 x 750 mm
Type:	LT-1000-C
Article No.:	095.015.500

### **Perforated working area:**

Material:	stainless steel, material No. 1.4301
Perforation working plate:	D17, T60
Air flow:	min. 0.4 m/sec
Exhaust air capacity :	min. 200 m³/h
Dimensions:	600 x 500 mm
Waste water duct :	DN 50
Exhaust air duct :	DN 160
Type:	EBA-600
Article No.:	060.010.060

### **Active-carbon air recirculation system:**

Material housing:	stainless steel
Working temperature:	max. +80 °C
Max. rel. humidity:	70%
Max. air capacity:	approx. 350 m³/h
Delivery Includes:	HEPA Filter H13, operating hour counter
Dimensions:	1000 x 385 x 455 mm
Type:	AK-ULS-350-NSP-FT
Article No.:	060.260.065

**Individual solutions with customized dimensions are available upon request!**

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