



KANOMAX

The Ultimate Measurements



KOKEN LTD.

STAND KOACH MODELS C 645-F & C 900-F

Portable ISO Class 1 clean air environment

Koken's Stand KOACH creates a local environment of ISO Class 1 cleanliness in order to solve the carry-over contamination problem that is caused by airborne particulates in the laboratory. Being equipped with nanofiber filters that can remove airborne particulates of 0.1 μ m in diameter, Stand KOACH can achieve the world's highest level of cleanliness rated at ISO Class 1, thus preventing virus-like particles from entering.

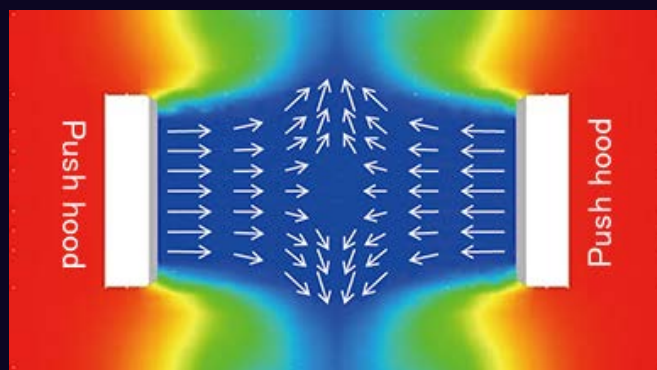
FEATURES AND BENEFITS

- ◆ Achieve ISO Class 1 cleanliness instantly (< 2 mins)
- ◆ Benchtop clean area without surrounding walls
- ◆ Low uni-directional airflow doesn't disturb the working surface
- ◆ Cost-saving compared to developing a cleanroom
- ◆ Sources of dust can be identified easily
- ◆ Sources of dust are allowed to be brought in
- ◆ Portable; can be relocated easily



APPLICATIONS

- ◆ Create temporary clean zone in limited space
- ◆ Pharmaceutical
- ◆ Laboratories
- ◆ Food industry
- ◆ Aerospace product development
- ◆ Semiconductor manufacturing



The purified, uniformed laminar airflow having the same vector collide at the center between the two push hoods and are pushed out horizontally. As a result, the intervening zone between the push hoods is kept clean.

KANOMAX USA, INC.

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C 645-F Specifications

External Dimensions	W29.80 in × D13.03 in × H63.43 in
Size of Air-Blowing Surface	W23.39 in × H27.56 in (Lower location of the edge of the air-blowing surface: 29.09 in above floor)
Weight	Approx. 352.74 lbs. (Approx. 176.37 lbs. × 2 units)
Maximum Distance for Clean Zone	Within 70.87 in (without table) Within 55.12 in (without table)
Flow Rate at Air-Blowing Surface	Approx. 19.66 in/s
Filter *1	FERENA, Pretreatment Filter
Air Cleanliness Rating	ISO Class 1
Power	120V(USA) 50Hz/60Hz
Power Consumption *2	500-1200W (250-600W × 2 units)

C 900-F Specifications

External Dimensions	W37.76 in × D13.82 in × H63.43 in
Size of Air-Blowing Surface	W35.43 in × H27.56 in (Lower location of the edge of the air-blowing surface: 29.09 in above floor)
Weight	Approx. 410 lbs. (Approx. 205 lbs. × 2 units)
Maximum Distance for Clean Zone	Within 90.55 in (with table) Within 70.87 in (without table)
Flow Rate at Air-Blowing Surface	Approx. 19.66 in/s
Filter *1	FERENA, Pretreatment Filter
Air Cleanliness Rating	ISO Class 1
Power	120V(USA) 50Hz/60Hz
Power Consumption *2	600-1500W (300-750W × 2 units)

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