



ADVANTAGES

- Advanced patented probe for reliable scanning
- Space-saving installation
- Built-in inspection lens and light
- For high airflow HEPA filters (box type), full size 610x610x292 mm
- Unique non-intrusive scanning system

Application	Supply air for cleanrooms and other controlled environments with high clean air requirements.
Max Temperature (°C)	90°C
Comment	Filter housing constructed in aluzinc sheet metal, for box-type HEPA filters in full size 610x610x292 mm. Built-in thermal insulation for condensation control. The filter housing is equipped with a flange connection, measuring ports for pressure drop reading and a leakage test of the installed filter. Inspection of scanning system operation through built-in inspection lenses and LED lights. Filter clamping system adapted to 292 mm filter depth, and operated with 5 mm Allen key. Tightness and leakage tested acc. to applicable standards.



CamCube AS is a flexible and compact range of scannable filter housings for high airflow HEPA filters and other filter types with 292 mm depth. The cover is a sandwich design with 45 mm heat and condensation insulation between, covered with Aluzinc sheet metal inside and outside (corrosivity class C4). The groove around and between the filters is sealed with sealant to exclude any leakage from the joints. The service hatch is hinged mounted. The endless gasket on the inside of the service hatch ensures high tightness. The filter housing has leakage class D according to EN 15727. When the service hatch is closed the clamping device ensures the clamping of the filter. The filter housing is supplied with flange connection and hose connectors for pressure drop measurement.

Accessories:

- Replacement kit for scanning system
- Lockable handles

Scanning:

Using the integrated crank, with foldable handle, the scanning probe can be moved up and down. The scanning process is non-intrusive, easy, reliable and secure and installation footprint is minimized. The built-in wide angle inspection lens and light makes it easy to look inside the housing. The scanning system is easy to replace if needed.

Example specification text:

Filterhousing: Camfil CamCube AS-1010.

Design: Sandwich construction with 45 mm heat and condensation insulation, covered with double aluzinc sheet metal (corrosivity class C4).

Including hinged airtight hatch for fast access.

Filter: Absolute DG 610x610x292 mm.

Integrity test for validation operation : Built-in, non intrusive scanning system for HEPA filter integrity test, including 100% concentration measurement ports.

Clamping system: Designed not to disturb integrity test operations.

Inspection: Built-in inspection lens and light to survey while performing scanning.

Classification:

Leakage class D according to EN 15727:2010 standard.

Leakage class L1 according to EN 1886:2007 standard.

Mechanical: D1 according to EN 1886:2007 standard.

Max penetration gasket frame (filter section) < 0,01% by ISO 14644-3.

Fulfills the regulatory demands on HEPA-filter integrity test according to ISO 14644-3.

Designed for indoor use.

Type	Dimensions WxHxD (mm)	Duct connection (mm)	Weight (kg)
CamCube AS 1010	707x707x650	615x615	43
CamCube AS 1020	707x1322x650	615x1230	64
CamCube AS 1030	707x1937x650	615x1845	85
CamCube AS 2010	1322x707x650	1230x615	62

Type	Dimensions WxHxD (mm)	Duct connection (mm)	Weight (kg)
CamCube AS 2020	1322x1322x650	1230x1230	86
CamCube AS 2030	1322x1937x650	1230x1845	109