ATEX AREAS • GAS ZONE 1 • DUST ZONE 21 • ISO CLASS 4

SSAT-6L (BP) AIR TIGER

Air-driven ATEX backpack vacuum (II 2GD) for Zone 1 gas and Zone 21 dust. No electrical or moving parts, temperature class T6 (max. 85 °C). Dry recovery only, HEPA H14 as standard, 5.7 L conductive disposable bag, AISI 304 stainless steel and 7 kg.

- ATEX II 2GD — Zone 1 gas + Zone 21 dust
- Carried on the back in a harness — hands free
- HEPA H14 as standard — aerosol leak tested
- AISI 304 stainless steel — ISO Class 4
- Static dissipation below 10 ohms — whole unit
- No electrical or moving parts — temperature class T6
- Compressed air 5.5 bar — compressor of at least 15 HP



Tiger-Vac SSAT-6L (BP) AIR TIGER — air-driven ATEX backpack vacuum in stainless steel with harness

II 2GD — ATEX Directive 2014/34/EU · LCIE 03 ATEX 6310 X — third-party certified · Ex h IIC T6 Gb / Ex h IIIC T85°C Db · EN 17348 DT — Combustible dust · IECEx LCIE 17.0076 X

Quick Facts	
Certification	ATEX II 2GD
Container	5.7 L bag
HEPA	H14 incl.
Drive	Venturi, T6
Air Flow	85 m³/h
Antistatic	<10 ohms
Material	AISI 304
Weight	7 kg

About SSAT-6L (BP) AIR TIGER

The Tiger-Vac SSAT-6L (BP) AIR TIGER is an air-driven vacuum carried on the back in a harness, leaving the operator's hands free. Suction is created by a single venturi, so the unit has neither electrical parts nor moving mechanical parts.

It is certified in temperature class T6 with a maximum surface temperature of 85 °C and marked II 2GD to EN 17348 DT for dry recovery of combustible dust. It is third-party certified under both ATEX (LCIE 03 ATEX 6310 X, Directive 2014/34/EU) and IECEx (LCIE 17.0076 X).

The tank holds 5.7 L in a conductive disposable bag. The whole unit is AISI 304 stainless steel with under 10 ohms of resistivity, and HEPA H14 comes as standard. The unit weighs 7 kg and can be used in cleanrooms up to ISO Class 4.

The unit needs a compressor of at least 15 HP delivering 16.5–21.2 L/s at 5.5 bar. A 7.5 m air supply hose and a static conductive Ø38 mm tool kit are included.

Video

Technical Specifications

Parameter	Value
Model	SSAT-6L (BP) AIR TIGER
Part Number	111920
ATEX Certification	LCIE 03 ATEX 6310 X, IECEx LCIE 17.0076 X
ATEX Marking	II 2GD
External Gas	Ex h IIC T6 Gb
External Dust	Ex h IIIC T85°C Db
Internal Classification	EN 17348 DT (dry recovery only)
Gas Zones	Zone 1, Zone 2
Dust Zones	Zone 21, Zone 22
Drive	Pneumatic venturi with no electrical or moving parts, T6 (max. 85 °C)
Air Consumption	16.5–21.2 L/s (990–1272 Nl/min)
Air Pressure	5.5 bar
Minimum Compressor	15 HP
Air Flow	85 m³/h
Max Vacuum	2,030 mmH_2O (199 mbar)
Sound Level	60 dB(A) (EN ISO 11203)
Suction Inlet	Ø38 mm
Container	5.7 L, conductive disposable bag (212230-SD)
Material	AISI 304 stainless steel
Static Dissipation	Under 10 ohms, whole unit
HEPA Filter	H14, 99.995% at 0.3 µm (EN 1822, MPPS), 212303 — included
Main Filter	Static conductive cloth main filter with ring (212232SD)
Filter Cleaning	None (manual)
Cleanroom Class	ISO Class 4 (ISO 14644-1)
Dimensions (L × W × H)	23 × 23 × 64 cm
Weight	7 kg
Air Supply Hose	Ø 12.7 mm (1/2"), 7.5 m included
Recovery Mode	Dry recovery only

Accessories and Filters



Static conductive Ø38 mm tool kit with air supply hose, included

Ø38 mm Tool Kit (included)



Cloth main filter with ring 212232SD, included

Cloth Main Filter 212232SD (included)



Aircraft carrying case with foam and wheels 215699, optional

Aircraft Case 215699 (optional)



HEPA H14 filter 212303, included

HEPA H14 Filter 212303 (included)

Optional Upgrades

- **Explosion-proof accessories under 10 ohms** — KANAFLEX suction hose Ø38 mm × 1.5 m (381396D), 12.5 cm aluminium round brush (381185DA) and conical nozzle (383462D). Required by Tiger-Vac for conductive, metal and pyrotechnic dust
- **Carrying case** — shop case with wheels (215697) or aircraft case with foam and wheels (215699)
- **Brass ball valve** — 211094 with hex nipple 211095C

CONTACT
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