JetWorker

with quattroClean® Technology

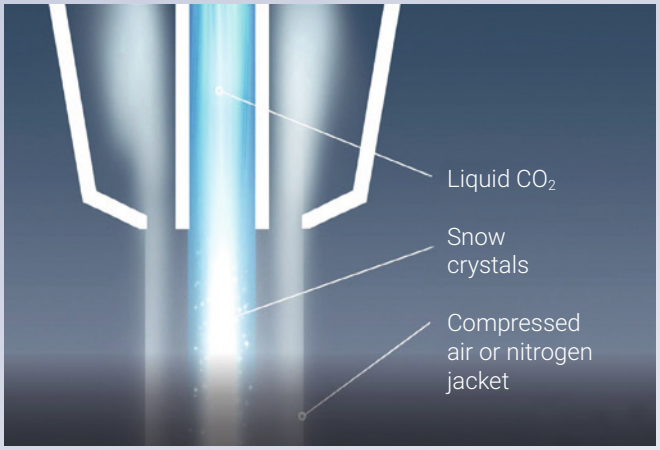
advanced clean production
acp-systems.com

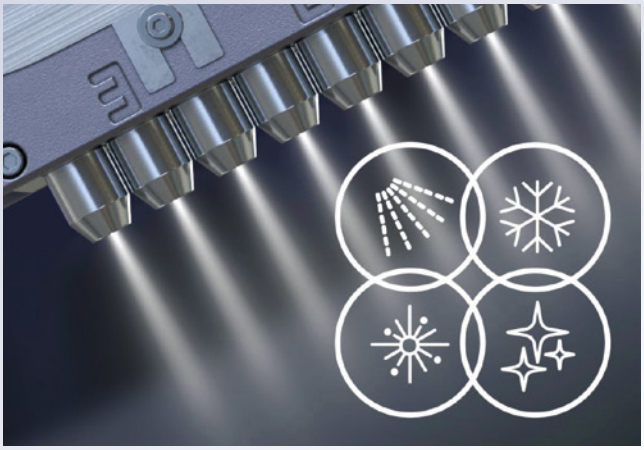
The JetWorker is a portable and manual cleaning system operated with the quattroClean® snow-jet technology based on CO_2

For a superior cleaning effect use the most efficient, reliable & stable snow-jet technology

Description and features

- Mobile cleaning system running with CO_2 snow-jet cleaning technology from acp systems
- Manual cleaning process
- Valve mounted on a tripod or alternatively used with a hand jet unit
- Manual start of cleaning process via foot pedal or hand switch
- External monitoring of CO_2 concentration in the workspace including audio-visual warning if limits are exceeded
- Connections to compressed air network and CO_2 cylinder





Two-component concentric nozzle

acp systems AG's advanced and patented dual media nozzle technology is unique and has significant advantages over alternative systems.

The quattroClean® cleaning process comprises four stages: impulse transmission, rapid cooling, sublimation and solvent rinsing.

For a closer look at how CO_2 snow-jet cleaning works, visit our website acp-systems.com, LinkedIn or YouTube channel.

quattroClean technology

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CO_2 snow-jet cleaning

Objectives in manufacturing
Dry, particle and film free products

Features & benefits
- Dry, chemical-free cleaning
- Fast & efficient (no drying cycle required)
- Residue free
- Selective
- No chemicals or wastewater
- Kind on the environment (recaptured CO_2)
- Manual or automated

- Automotive
- Micro & Precision Engineering
- Electronics
- Electromobility
- Plastics
- Medical Technology
- Battery Pack Production

The advanced, patented CO_2 snow-jet nozzle technology from acp systems AG cleans component surfaces using a dry, environmentally friendly, residue free process. This supersonic dual component quattroClean® technology provides optimized, precise and repeatable cleaning results with a minimum consumption of CO_2.

With the direct and continuous supply of liquid CO_2, the process qualifies perfectly for integration into adaptable automated production systems, available either directly from acp systems AG, or supplied to our system integration partners as a modular system.

Benefits

- The process is dry and gentle and will not damage the surface structure
- Perfect for cleaning of sensitive and hydroscopic or porous surfaces
- No wastewater or chemicals to dispose of
- The CO_2 snow-jet process uses CO_2 that has been re-captured from existing industrial emissions, thereby ensuring no additional impact on the environment

Technical specifications	JetWorker P8e	JetWorker P16
Weight	app. 68 kg / cooler unit app. 30 kg	app. 82 kg (incl. pressure booster and heating unit) / cooler unit app. 30 kg
Dimensions (H x W x D)	JetWorker: 92 cm x 43 cm x 55 cm Cooler Unit: 37 cm x 36 cm x 30 cm	JetWorker: 92 cm x 43 cm x 55 cm Cooler Unit: 37 cm x 36 cm x 30 cm
CO_2 supply immersion	cylinder / liquid gas tank	cylinder / liquid gas tank
CO_2 consumption	0.07 to 0.14 kg / min	0.07 to 0.14 kg / min
Compressed air requirement	2 to 16 bar; 0.2 to 0.6 m³ / min	2 to 10 bar; 0.45 to 1.3 m³ / min
Hose connection	compressed air quick coupling NW 7.2	compressed air quick coupling NW 7.2
Power connection	230 V / 16 A	230 V / 16 A
Cabinet / Frame material	stainless steel	stainless steel

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