



Atlas Copco

# Clean compressed air for laboratories & research facilities

SF+ oil-free scroll compressor



## A wide range of applications

- Instrument calibration
- Sample analysis and preparation
- Chromatography systems and mass spectrometry
- Environmental control in cleanrooms
- Laboratory automation
- Optical systems
- Gas generation

Laboratories and research facilities rely on compressed air for many tasks and applications, from instrument calibration to environmental control. Our SF+ range of oil-free scroll compressors provides the clean and sterile air that labs need with superior reliability, low-noise operation, and a compact footprint.

# Clean air for labs & research facilities

## Stringent requirements

The compressed air requirements of laboratories are very strict. They must be! The integrity and reliability of lab work depends on a consistent supply of high-quality air:

- **Pure, sterile air:** Research and lab air must be dry and free from oil vapors and dust particles.
- **Reliability:** Too many jobs in a lab depend on compressed air. Compressor breakdowns directly affect workload and deadlines.
- **Compact and low-noise:** Air compressors are typically installed inside the lab. That's why they should take up minimal space and operate quietly.
- **Efficiency:** Compressors consume a substantial amount of energy. Opting for an energy-efficient model can greatly reduce operational costs and CO<sub>2</sub> emissions.



## SF+: the laboratory and research compressor

Contrary to traditional compressors, the SF+ fits effortlessly in your lab. It's all thanks to its low-noise operation, compact footprint, and integration of air treatment equipment.

- **High-quality, pure air:** With our pioneering, ISO 8573-1:2010 Class 0 oil-free compression technology, there's no need for oil filtration. Installation is quicker and costs less.
- **Full Feature unit:** The integrated refrigerant or desiccant air dryer ensures a compact footprint.
- **Air storage:** Different receiver mounting options are available.
- **Energy savings:** High-efficiency features include an IE3 motor, advanced Elektronikon® Touch controller, and Variable Flow Technology in our multi-scroll models.
- **Extremely quiet:** Thanks to the super-silent operation and acoustic enclosure.
- **User friendly operation** and real-time, **remote SMARTLINK monitoring.**



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