

QUEST FB III X•ONE

Supreme safety with ultimate versatility – that’s what you get with the FBC X•ONE series developed at our Design Centre in Mülheim, Germany. While you can use it for diverse applications, including drying, top-spray granulation and Wurster coating, its cutting-edge design and features don’t compromise process or operator safety. In short, you get the very best outcomes and unbeatable protection.

A strong foundation for scale-up and design of experiments (DoE) studies, our Quest FB III X•ONE is a versatile, intermediate-scale fluid-bed system featuring all aspects of typical commercial-scale equipment. This means you can establish process parameters quickly and accurately, and be confident scaling up your batches. QUEST FB III X•ONE also provides multiple applications, including drying, top-spray granulation and Wurster coating.

Find this information on our website:
Machinery > Granulation > Fluid bed combos > FBC X•ONE series

Features	Benefits
A 12-bar pressure shock resistant system featuring the Maximum Operator Safety Technology (MOST) concept approved by ATEX and certified by FSA	No mechanical deformation caused by pressure-shock Far safer for the environment, thanks to a non-vented, fully contained design
Unique C-flanged X•ONE inflatable seals	12-bar-rated inflatable seals feature machined C-flanges that ensure safety at pressures as low as 4.5 bar Lower operating costs and significantly longer lifespan
State-of-the-art twin-filter bag-shaking system	Most efficient way of removing sticky materials which prevents filter choking, thereby improving overall filter performance Enhances yield significantly while maintaining lower compressed air consumption
ACG’s exclusive X•ONE command process control system	Compliant with ATEX, GAMP 5 and 21 CFR Part 11, this advanced technology allows intuitive, secure monitoring and control
Fully integrated multi-function column	Reduced maintenance downtime and operational costs The smart open-profile column has removable covers for swift and simple access to integrated peripherals, while a linear drive makes raising and lowering the exhaust air filter far easier The control panel and keyboard are adjustable to operator preference

Technical specifications

		Top-spray granulation	Wurster coating
Working volume	Min	12l	5l
	Max	55l	25l