

ACG X·ONE COMMAND

Process control the easy way!

▶ **You'll get what you ask for**

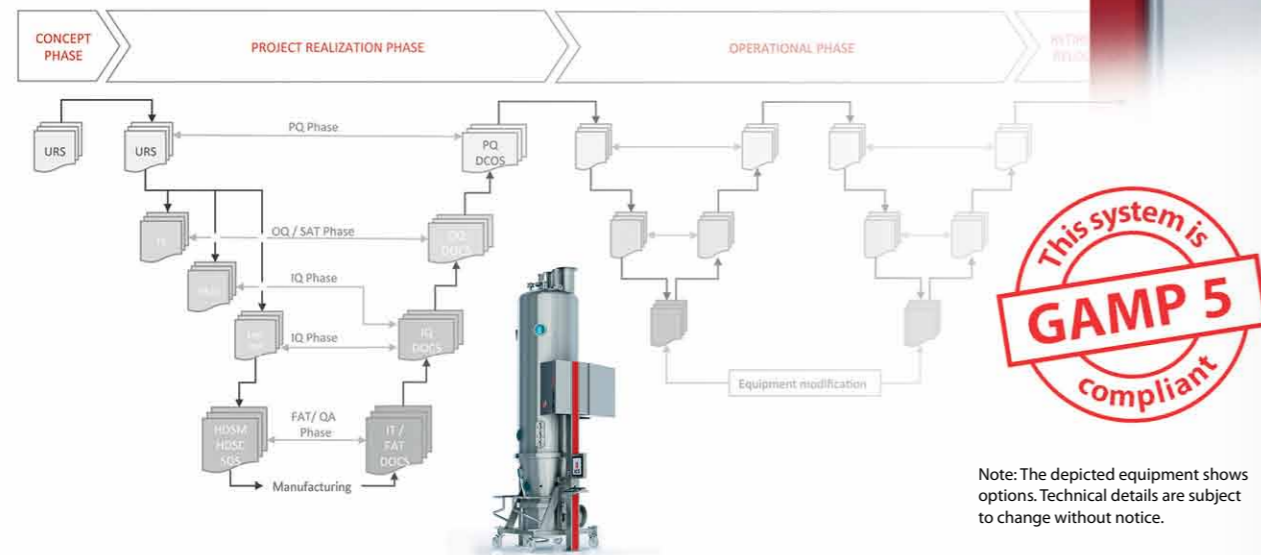
PC-based control system with COPADATA *zenon* software. SPS by Siemens, Mitsubishi or Allen Bradley. Interfaces to MES, ERP, local networks or database for long term process documentation.

▶ **Globally respected**

CE, ATEX, UL, GAMP 5 – the **ACG X·ONE COMMAND** matches all major global standards.

▶ **FDA and GAMP 5 compliant**

We develop our software according to GAMP directives. It complies with all requirements of CFR 21 Part 11 (electronic records and signatures). Your system will be qualified based on GAMP lifecycle, including all documentation. It doesn't get any better!



Note: The depicted equipment shows options. Technical details are subject to change without notice.

ACG Pharma Technologies Pvt. Ltd.
Plot No. 1100, Shirwal
Dist. Satara - 412801
Phone +91.2169. 304500
sales.apt@acg-world.com

Sales and service partner for Europe and North America:



XERTECS GmbH
Haltinger Str. 8
79379 Müllheim, Germany
Office +49 (0) 7631 / 9 36 85-0
Fax +49 (0) 7631 / 9 36 85-299
info@xertecs.com
www.xertecs.com

XERTECS Inc.
999 Riverview Drive, Suite 201
Totowa, NJ 07512, USA
Office +1 (732) 515-7390
Fax +1 (732) 515-7391
info.usa@xertecs.com

FBC_GB_04/2016

FBE X·ONE
FBC X·ONE

ADVANCED
FLUIDIZATION
TECHNOLOGY



Fluid Bed Systems

FBE & FBC X·ONE

Touching a new Dimension!

Since 1998, ACG Pharma Technologies has manufactured and delivered more than **1000** fluid beds and WURSTER bottom spray coating systems. This tremendous success is the result of close cooperation with discerning customers demanding state-of-the-art technology, excellent process know-how and a service that will always go the extra mile.

With our fluid bed systems **FBE X·ONE** and **FBC X·ONE** we are now making a bold statement! Developed in close cooperation with our European partners, we set new standards in an international environment – regarding performance, handling and operational safety!

► Truly versatile!

The **FBE X·ONE** machine series with its single filter chamber design is optimized for drying and top spray granulation. Whereas the **FBC X·ONE**, with our twin shake filter system, is most suitable for **WURSTER^{S-04*}** bottom spray coating – but also performs great for everything else.



WURSTER^{S-04*}
Bottom Spray Coating



Drying and
Top Spray Granulation

The Fluid Bed Systems FBE and FBC X·ONE

Best in Class – now with **X·ONE** technology!

► We care for your safety...

Featuring the revolutionary MOST (Maximum Operational Safety Technology) safety concept (patent pending), certified by independent European authorities. Practically indestructible – a completely unique approach to 12 bar safety!

► ... investment and reputation!

Zero mechanical deformation in case of an explosion thanks to our revolutionary flexible cross-supports. **Zero** risk for your investment. **Zero** environmental impact thanks to the non-vented fully contained system design.

► Improved ergonomics

Such as our split handrail, height adjustable control panel and large observation windows make operation and process control easy. And there is much more to it...

► Safe? Safe!

Dust-Ex, Solvent-Ex ... nothing to worry about!



12 bar
re-invented!
ACG X·ONE
TECHNOLOGY

Adjustable
HMI

Multi
Function
Column (MFC)

Split
handrail
design

► Sometimes it takes two!

Single or twin chamber shake back filter systems provide what is needed for your process:

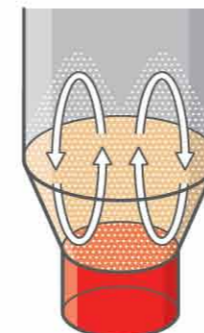
- Largest possible filtration area.
- Easy handling. Just one or two filter bags.
- Much lower consumption of compressed air compared to blow-back filter systems.
- Better cleaning performance due to mechanical forces.
- Continuous fluidization (twin chamber design).

► The smart way to a new GMP level

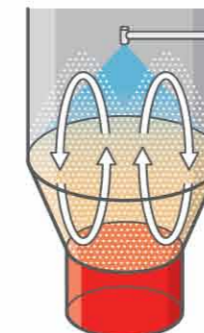
The fully integrated "Multi Function Column" concept MFC (patent pending) saves maintenance time and money while setting all new GMP standards. The smart open profile columns are covered with tool free removable covers guaranteeing that integrated peripherals – such as the standard linear drives for filter lifting – are easily accessible.

► It's as easy as that!

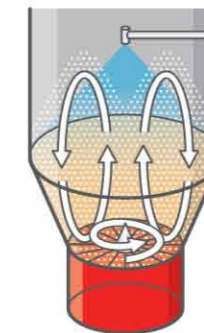
Handling in a new dimension! No higher weight than conventional 2 bar systems – high tensile steel makes it possible. So is cleaning – every system is already prepared for WIP.



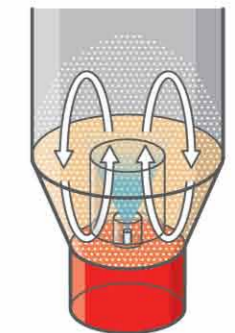
Drying



Top Spray



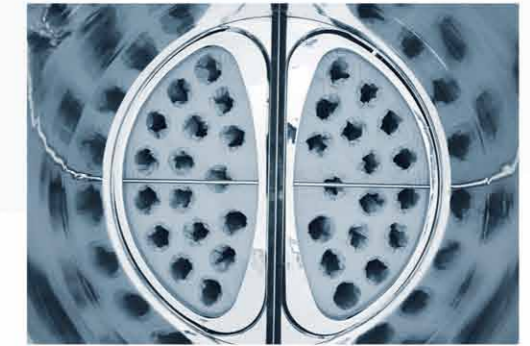
Top Spray
(Directional
Flow Plate)



WURSTER^{S-04*}
Bottom spray
coating

Good, better – X·ONE

We have put the "Great" into Greatness!



Twin shake back filter system
for continuous fluidization.



Single shake back filter system.

► Reduced to the max!

The new **X·ONE** inflatable seal:

- New low pressure profile that guarantees you safety even at < 6 bar inflation pressure.
- Improved material quality ("Addition cross-linked Platinum-Silicon").
- Now vulcanised instead of glued.