

KIKUSUI TIMES

ACHEMA 2018

KIKUSUI participates at ACHEMA, Hall 3.1A STAND 49 held on 11-15 June 2018. ACHEMA in Frankfurt am Main, Germany is known as the biggest show in the pharmaceutical industry.

KIKUSUI introduces three major developments of AURIGA Built in tablet visual inspection module, AQUARIUS C-H High containment rotary press, and AQUARIUS G-A MULTI Multiple function rotary press.

KIKUSUI's state-of-the-art products meet customer's demands.

Visit us at Hall 3.1A STAND 49



AURIGA BUILT IN TABLET VISUAL INSPECTION MODULE



AURIGA is one of the biggest developments of KIKUSUI made in over 100 years of company's history.

AURIGA was designed as a modular system and is directly connected to a KIKUSUI rotary press.

The system visually inspects all tablets produced by a KIKUSUI rotary press while tablets are being transferred by series of transfer discs on the module. It is capable to reject a single defective tablet at out-feed of the module to maximize product yield.

The tablet dedusting system is integrated at the first transfer disc to optimize inspection ability. The other benefit of transfer system keeps dusts inside.

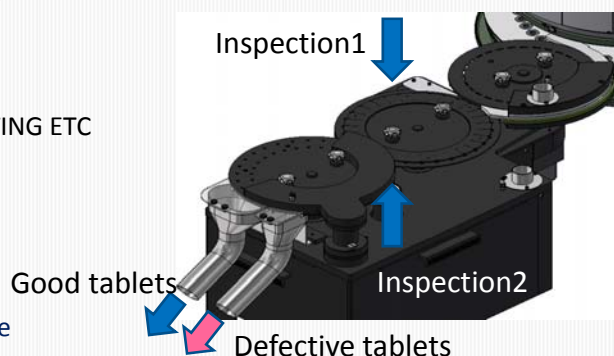
The modularity design opens possibilities of extra inspection, tablet printing and so on by connecting multiple modular units.

KEY FEATURES

- ELIMINATES TABLETS TRANSFER BY OPERATORS OR EXTRA TRANSPORT SYSTEM
- INSPECTS ALL TABLETS PRODUCED BY KIKUSUI ROTARY TABLET PRESS
- INSPECTS ALL TABLET SURFACES
- DEDUSTING AT THE 1ST TRANSFER DISC
- ACCEPTING ADDITIONAL MODULES FOR EXTRA INSPECTION, TABLET PRINTING ETC

BASIC SPECIFICATIONS (FOR AQUARIUS G-J PRESS)

- 324,000tabs/h MAX PROCESSING SPEED
- 25micrometer/pixel (Bk/Wht)
- INSPECTION POINTS: TOP, BOTTOM, SIDE
- Detectable defects: Breakage, Chipping, Spot, Spec, Coloring/Circumference



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AQUARIUS C-H HIGH CONTAINMENT ROTARY PRESS

AQUARIUS C-H is the newest containment rotary press through the state-of-the-art KIKUSUI containment technology.

It meets hazard production requirement in pharmaceutical plant with potential compounds under industrial hygiene standard and GMP cross contamination protection.

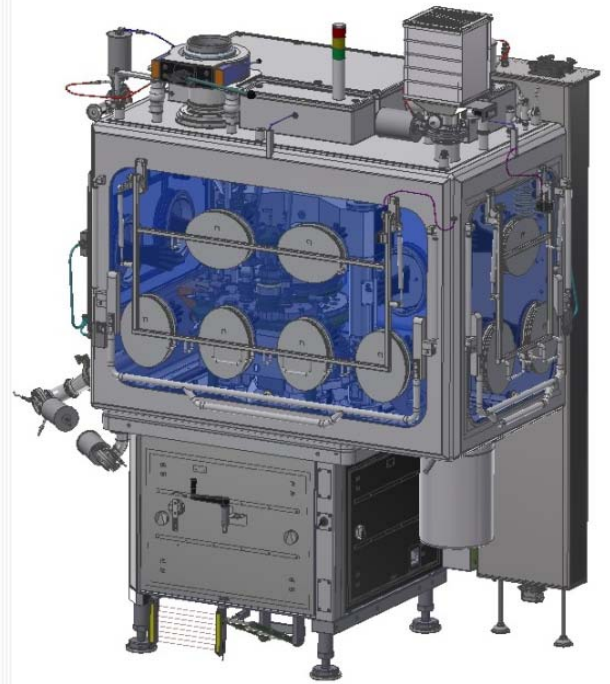
It realizes easy and flexible disassembling & washing operation in the machine under sufficient working space to minimize exposing potent drug in wetting material as well as operator's inhalation risk. Also it is integrated special isolator on machine top with suitable glove ports location engineered under human factors and ergonomics.

KEY FEATURES

- SS316L RIGID ISOLATOR
- VERTICAL RTP CONTAINER INSTALLATION
- IP65 EXTERIOR
- TURRET EXCHANGEABILITY

BASIC SPECIFICATIONS(EU19/TSM-B)

- 18 STATIONS
- 75,600tabs/h MAX PRODUCTION SPEED
- 100kN MAX COMPRESSION FORCE



AQUARIUS G-A MULTI MULTIPLE FUNCTION LABORATORY ROTARY PRESS

AQUARIUS G-A MULTI provides flexibility of tableting processes including **MONO LAYER**, **BI LAYER** and **DRY COATING**.

The state-of-the-art laboratory scaled rotary press meets requirements of Research & Development, clinical trial and small scaled production.

The user-friendly HMI operation brings Step-by-Step guidance which ensures quick & proper setup.

KEY FEATURES

- MONO LAYER TABLET
- BI LAYER TABLET
- DRY COATING TABLET (TABLET IN TABLET)
- TURRET EXCHANGEABILITY

BASIC SPECIFICATIONS(EU19/TSM-B)

- 18 STATIONS
- 75,600tabs/h MAX PRODUCTION SPEED
- 80kN MAX COMPRESSION FORCE

