



AutoBlend Systems

BODY LOTION PRODUCTION

Advantages

- Continuous production enables sterile operation and direct transfer to the filling station.
- No air introduction to finished product.
- Constant product quality.
- Flow-through cleaning and sterilization with automatic CIP-system.





Continuous production of high quality body lotion is achieved using a Bran+Luebbe metering and mixing system, incorporating emulsification with a Bran+Luebbe PENTAX mixer. The end-product is cooled in a tube heat exchanger. The computer-controlled system uses both mass flow meters and LIV stream monitoring. The aseptic design includes a CIP cleaning system.

Components

1 Type KH metering pump with electric delivery volume control, plunger pump head.

1 PENTAX dynamic mixer.

3 pipe heat exchanger in sanitary design.

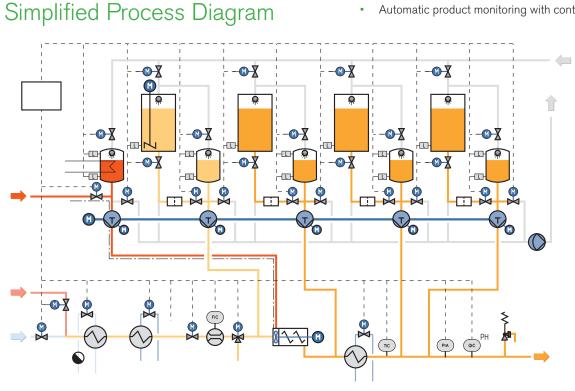
plunger pump heads (1 pump head heated).

• 4 Type P metering pumps with electric delivery volume control, 4

- 1 on-line mass flowmeter.
- 1 on-line pH-analyzer.
- on-line viscosity analyzer.

Automation

- Fully automatic process control.
- Recipe and product management with data report.
- Automatic product monitoring with control loop.
 - Automatic shut down if any ingredient runs out.



Global locations

SPX GLOBAL HEADQUARTERS

13320 Ballantyne Corporate Place Charlotte, NC 28277 United States of America Phone: +1 704 752 4400

SPX FLOW TECHNOLOGY

Werkstraße 4 D-22844 Norderstedt Phone: +49 (0) 40 - 522 02 -0

Fax: +49 (0) 40 - 522 02 -444

SPX FLOW TECHNOLOGY

Ironstone Way Brixworth, Northants, NN69UD Phone: +44 (0) 1604 881751 Fax: +44 (0) 1604 880145

APAC

SPX FLOW TECHNOLOGY

25 International Business Park #03-03/12, German Centre, Singapore 609916 Phone: +65 6568 1568 Fax: +65 6265 9133

E-Mail: asia.pacific@spx.com



SPX FLOW TECHNOLOGY 611 Sugar Creek Road, Delavan, WI 53115 P: (800) 252-5200 or +1 (262) 728-1900, F: (262) 728-4904

E: branluebbe@spx.com • www.spx.com

SPX reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in

your region. For more information visit www.spx.com.. The green ">" is a trademark of SPX Corporation, Inc. ISSUED 03/2013 BL-1635 COPYRIGHT © 2013 SPX Corporation