**Newsletter Instruction Sheet PharmTechNorth America EPR**

TO: [enl.advanstarsupport@mpe.hcl.com](file:///C:\Documents%20and%20Settings\Chris%20Allen\My%20Documents\Downloads\enl.advanstarsupport@mpe.hcl.com)

**Name of Print Publication:** Pharmaceutical Technology

**Name of Newsletter:** Pharmaceutical Technology Equipment & Processing Report

**Subject Line: Drug-Device Combination Products, Inhalation Device Development Best Practices; Machine Vision Technology**

PHTE Equipment & Processing Report

**<Note new mailing lists below>**

Mailing #1                    Engaged Opt-ins/Prospects

ECN Group                   PHTE\* - Equipment & Processing Report | Monthly

ECN Filter                     Enews Master Filter

Mailing #2                    Interphex Records

ECN Group                   Interphex Records - only used for PHTE EQPPROC

ECN Filter                     None

Mailing #3                    Advertisers

ECN Group                   PHTE\_Advertiser

ECN Filter                     PHTE Adver

Billing code: 6078.5000969.1304.51320205.000000.0000.000000

From Line: Pharmaceutical Technology Equipment & Processing Report [pharmtech@advanstarpharmtch.com](mailto:pharmtech@advanstarpharmtch.com)

Mail Date: Aug. 21, 2019

Time to send: 9 am Eastern US time

Contact Person:

Name: Jennifer Markarian

Email: Jennifer.markarian@ubm.com

Phone: 732-346-3087

People who should receive a proof:

Editorial:

Jennifer Markarian

Rita Peters

Lauren Lavelle

Audience Development:

Rochelle Ballou

Melissa Stillwell

Molly Thomforde

Sales/ads:

Mike Tracey

Joel Kern

Stephen Cleland

Linda Hewitt

Kristi Stevenson

Birdie Ghiglione

<all links must open in a new window>

<Use the responsive template: PHTE Equip&Processing.html>

Above header: "Pharmaceutical Technology EPR Monthly Issue: Having trouble viewing this email? Click here. " (link "click here" to template saved on the images2 server once updates are all made)

<Navigation for archive, subscribe, forward, twitter and linkedin remains same each month. For top line, only the date changes>

Date: Use deploy date "/Aug. 21 /2019"

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

<right side body content>

## SUBSCRIBE

**<The subscribe section stays the same each month, leave as is in the template – note that these have been updated in the attached template>**

<INTERPHEX button ad should be in each issue>

<<http://www.pharmtech.com?cfcache=true> >

<left side newsletter body content>

<Headline, 'read more' , and photos for this section should all be hyperlinked, with links to open in new page>

## PRODUCTION TRENDS

Headline: What Pharma Needs to Understand About Combination Product Development

Summary: Regulatory, cultural, and technical differences between drug and device development can pose challenges to pharmaceutical combination product development.

URL: <http://www.pharmtech.com/what-pharma-needs-understand-about-combination-product-development-1?topic=341,356>

## Best PRactices in inhalation device development

Headline: Best Practices for Developing Dry Powder Inhaler Combination Drug-Device Products

Summary: Consider both the device characteristics and the powder properties when developing a DPI product.

URL: <http://www.pharmtech.com/best-practices-developing-dry-powder-inhaler-combination-drug-device-products>?topic=378,341,356

Headline: Taking a Systems Approach to Inhalation Therapy Development

Summary: Successful development requires coordinating and aligning drug and device design, focusing on a complete drug delivery system that meets patients’ needs.

URL: <http://www.pharmtech.com/taking-systems-approach-inhalation-therapy-development>?topic=378,341,356

Headline: Optimizing Particle Engineering Methods for Inhalation Drug Products

Summary: Jet milling and spray drying can be used to obtain appropriate particle characteristics.

URL: <http://www.pharmtech.com/optimizing-particle-engineering-methods-inhalation-drug-products?topic=378>

## in the news

Headline: Nephron and Clemson to Develop Robotics for Syringe Filling

Summary: Nephron Pharmaceuticals is partnering with Clemson University to create a robotic solution for syringe-filling automation to enhance sterile manufacturing.

URL: <http://www.pharmtech.com/nephron-and-clemson-develop-robotics-syringe-filling-0?topic=311>

Headline: Lonza Expands Florida Solid-Dose Facility

Summary: The expansion of Lonza’s Tampa site includes development and manufacturing capabilities for encapsulation and handling highly potent compounds.

URL: <http://www.pharmtech.com/lonza-expands-florida-solid-dose-facility?topic=350>

## PACKAGING

Headline: New Machine Vision Technology

Summary: New systems are designed for inspecting primary and secondary packaging for defects.

URL: <http://www.pharmtech.com/new-machine-vision-technology?topic=343>

“More Packaging”

URL for "More Packaging" remains the same each month: <<http://www.pharmtech.com/taxonomy/term/>3881?topic=343>

## EDITOR'S PICKS

**Headline:** Software Expands Asset-Management and Recovery Capabilities

< use image from URL >

Summary: Rockwell Automation’s updated FactoryTalk AssetCentre software supports several new types of production assets.

URL: <http://www.pharmtech.com/software-expands-asset-management-and-recovery-capabilities?topic=316>

**Headline:** Instrument Measures Protein Titer in Real-Time

<use image from URL >

Summary: The at-line Tridex Protein Analyzer from Idex Health & Science measures titer directly from a bioreactor.

URL: <http://www.pharmtech.com/protein-analyzer-offers-ability-measure-protein-titer-directly-bioreactor-0?topic=311>

**SPONSOR SHOWCASE**

## < see Ad runlist for ad content to insert here>

## WEBCASTS

## < see Ad runlist for webcast content to insert here>

<URL for "More webcasts" remains the same each month, and is in the template: <http://www.pharmtech.com/pharmtech-webcasts> >

## EVENTS

  Headline: PDA/FDA Joint Regulatory Conference

Date: Sept. 16–18, 2019 | Washington, DC

URL: <http://www.pharmtech.com/node/379403>

Headline: Pack Expo and Healthcare Packaging Expo

Date: Sept. 23–25, 2019 | Las Vegas, NV

URL: <http://www.pharmtech.com/healthcare-packaging-expo-0>

<URL for "More events" <http://www.pharmtech.com/events>  >

## eBOOK

use ebook image – May 2019 PT ebook

Headline:Biologics and Sterile Drug Manufacturing 2019 eBook

Description: The editors explore novel technologies for the formulation, manufacture, purification, and delivery of sterile small- and large-molecule drugs including single-use systems, facilities and equipment, contamination issues, and process analytics.

URL: <http://findpharma.hs-sites.com/biologics-sterile-mfg-2019>

<footer links remain the same each month as in the template, editor email is [Jmarkarian@mmhgroup.com](mailto:Jmarkarian@mmhgroup.com) >