

The logo for SPX, with 'SP' in dark grey and 'X' in green, followed by a registered trademark symbol. The background features a large, stylized arrow pointing right, composed of multiple overlapping, semi-transparent grey and green layers.

**SPX**®

A green arrow icon pointing to the right.

**Where Ideas Meet Industry**



# LIGHTNIN

## Stainless Steel ECL Mixer

### A Portable Mixer Designed for Sanitary Applications

The LIGHTNIN Stainless Steel Enhanced Classic Line (ECL) portable mixer fills the need for a non-painted version of the original ECL. This stainless steel version includes all the features and benefits of the original ECL but has been designed specifically for clean applications such as food and pharmaceutical industries.

#### Mixer Options

- Rigid coupling shaft attachment with male/female pilot to ensure shaft concentricity and minimize shaft run out.
- Optional speed sensor provides the capability to monitor output speed (NEMA 1).
- Available in 1725 (1:1), 350 (5:1), and 280 (6:1) output.
- Variable speed capability with optional VFD.

#### Motor Options

- Standard electric motors are 304 SS, wash down, inverter duty design. Options include Stainless Motors Inc. pharmaceutical design motors and options for 575 V selections.
- Fractional through 3 HP (max).
- Optional Stainless Steel Air Motor - variable speed air motors are safe for explosive environments. They are supplied with a built in speed adjustment air control valve and non-metallic muffler.



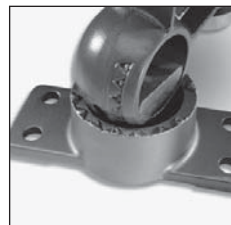
Stainless Steel  
Air Motor

#### Mounting Options

- Finite Element Analysis was employed to design a heavy-duty, high strength clamp assembly.
- Index allows repeatable position.



Cup Plate Assembled



Cup Plate Indexing



## Impeller Options

LIGHTNIN is the world leader of impeller development. Using the latest computerized technology, LIGHTNIN has produced a unique range of impellers dedicated to improving your specific process performance.

Although the A310 is standard on ECL portables, there are many other impellers to satisfy your mixing requirements. Your LIGHTNIN Sales Engineer will review your application and recommend the proper impeller.



A310  
Impeller

## Service

SPX Process Equipment Services

- Repair Services
- Equipment Services
- PM/PDM Services
- Additional Services
  - Installation and Startup
  - Maintenance and Repair
  - Asset Management

For 24-hour response, call 1-888-MIX-BEST (U.S. and Canada)

## Call the SPX Process Equipment Experts

For more information about the LIGHTNIN Stainless Steel ECL Mixers or to discuss your application, contact your local SPX Process Equipment Sales Representative. Or visit our website at [www.spxpe.com](http://www.spxpe.com). Or call 1-888-MIX-BEST (U.S. and Canada)

# SPX<sup>®</sup>

## PROCESS EQUIPMENT

Your local contact:



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Phone: (888) 649-2378 (MIX-BEST), (U.S. and Canada) or +1 (585) 436-5550  
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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit [www.spxpe.com](http://www.spxpe.com).

SPX Corporation 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.



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