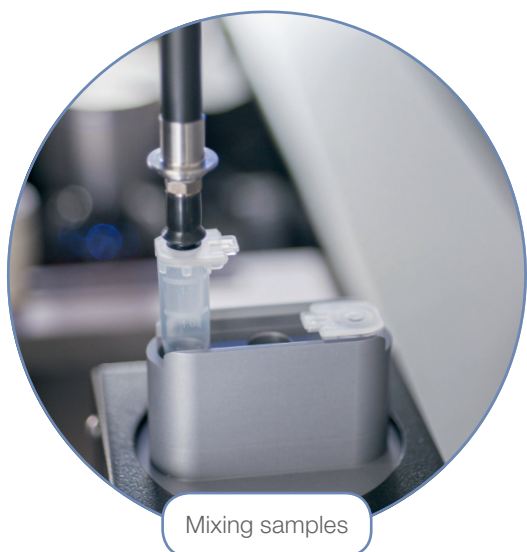


# Bioanalytical STARlet

Fully automated sample processing for therapeutic drug monitoring offers traceability and reproducibility



- ▶ Save time and labor with automated QC and calibration curve preparation
- ▶ Single sample processing avoids sample degradation
- ▶ Direct LC-MS integration for increased walk away time
- ▶ Ensure data integrity with complete sample tracking



**HAMILTON**

# Ingenious tools to automate your LC-MS workflow

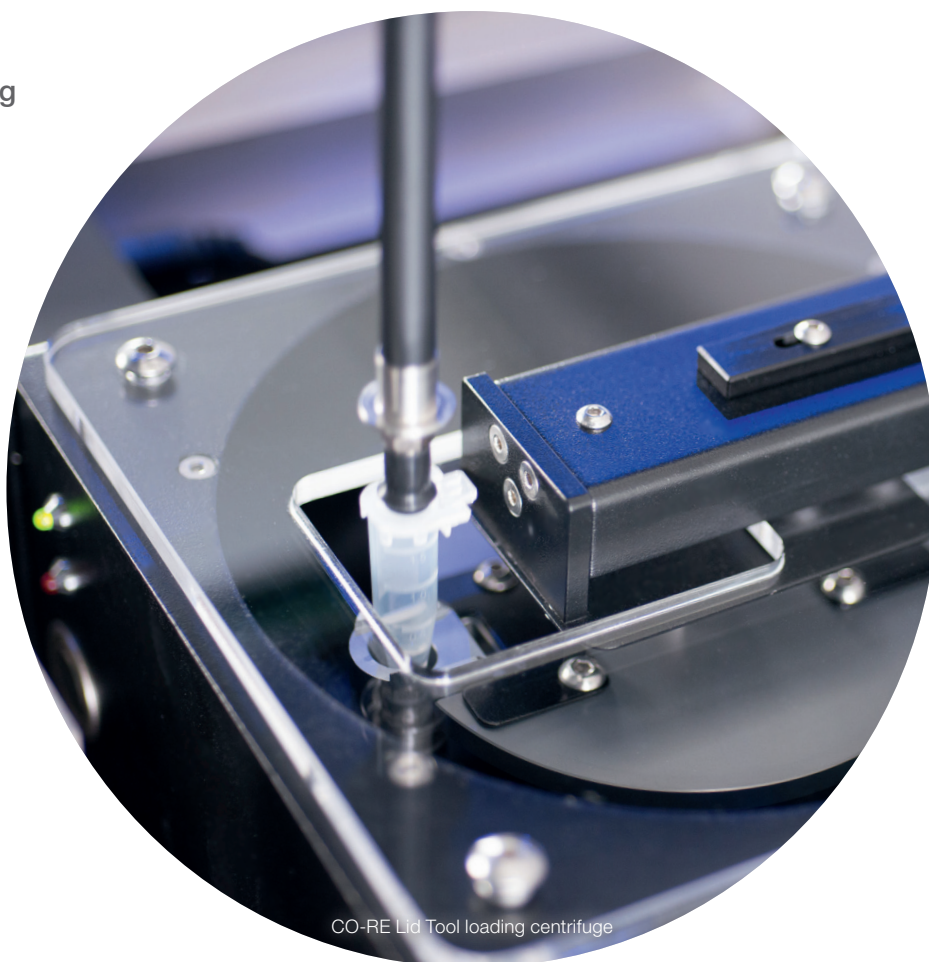


The new Hamilton FlipTube® Tool-Set offers fully automated, hands-free opening and closing of our unique FlipTube® A 1.5 mL

Focused on drugs with a narrow therapeutic range, LC-MS is an increasingly important method for therapeutic drug monitoring (TDM). With numerous variables influencing drug concentration data, sample preparation is key to ensure accuracy of the analytical method. Hamilton's Bioanalytical STARlet workstation offers fully automated sample preparation for pre-analytical and analytical LC-MS workflows including direct injection into the HPLC. Minimizing human interaction with blood, serum, or plasma samples, the Bioanalytical STARlet includes barcode reading to reduce human errors and provide sample traceability whilst completing just-in-time sample processing during the HPLC runtime.

## Features and Benefits

- ▶ Single Sample Processing using FlipTube® A 1.5 mL tubes
- ▶ Aerosol free opening of the FlipTube® A 1.5mL tubes using "non-snapping" process
- ▶ Secure transport of FlipTubes to the on deck shaker and centrifuge with the pressure controlled CO-RE® Lid Tool
- ▶ Fully automated, closeable bottles reduce concentration changes for volatile reagents
- ▶ Direct sample injection into a 15000 psi HPLC valve
- ▶ Sample injection with disposable tips eliminates risk of carry over
- ▶ Inter day variation is less than 11%
- ▶ Free setup of up to 12 calibration and 5 QC points from stock solutions



CO-RE Lid Tool loading centrifuge

Find out more about the Bioanalytical STARlet  
Watch the video @ [hamiltoncompany.com/bioanalytical-starlet](http://hamiltoncompany.com/bioanalytical-starlet)



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# HAMILTON

Web: [www.hamiltonrobotics.com](http://www.hamiltonrobotics.com)

USA: 800-648-5950

Email: [infoservice@hamiltonrobotics.com](mailto:infoservice@hamiltonrobotics.com)

#### United States

Tel: +1-775-858-3000

#### United Kingdom & Ireland

Tel: +44 (0)121-717-0199

#### Brazil

Tel: +55 (11) 126-50562

#### China

Tel: +86-21-6164-6567

#### France

Tel: +33 (01) 69751616

#### Italy

Tel: +39-39-689-33-93

#### Denmark, Norway, Sweden, Finland

Tel: +45-70-26-4499

#### Germany, Switzerland, Austria, Benelux

Tel: +49 (089) 552649-0

To find a subsidiary or distributor in your area, please visit [hamiltonrobotics.com/contacts](http://hamiltonrobotics.com/contacts).