



# eVol<sup>®</sup> XR

Note: eVol<sup>®</sup> XR should be charged for 2 hours (or overnight) before use (multi-country charger supplied with eVol<sup>®</sup> XR).

Thank you for purchasing the eVol<sup>®</sup> XR Automated Analytical Syringe.

This Quick Start Guide provides a brief overview of your eVol<sup>®</sup> XR's operation. For more detailed information please refer to the comprehensive manual supplied with your eVol<sup>®</sup> XR.

- **Install the syringe** by pulling up on the bottom collar of the XCHANGE<sup>®</sup> (Patent Pending) coupling and inserting the back (plunger end) of the syringe into the bottom of the instrument. Ensure the syringe plunger is in the zero position. Note that the default settings are for the 1000  $\mu$ L (1 mL) syringe. To use the other syringes refer to eVol<sup>®</sup> XR Manual.

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|---|--|
| <b>A</b> Display  | <b>H</b> Finger Hook                   |
| <b>B</b>  Back Button                       | <b>I</b> Power Connector               |
| <b>C</b> Touch Wheel  | <b>J</b> Reset Button                  |
| <b>D</b>  Left and Right Navigation Buttons | <b>K</b> Charging Stand Interface      |
| <b>E</b> OK (Enter) Button  | <b>L</b> Battery                       |
| <b>F</b> Purge/Prime Button   | <b>M</b> XCHANGE <sup>®</sup> Coupling |
| <b>G</b> Run Button   | <b>N</b> XCHANGE <sup>®</sup> Syringe  |



Patent Pending  
ENABLED BY  
XCHANGE<sup>®</sup>



- **Turn on** eVol<sup>®</sup> XR by pressing 'RUN' button (G).
  - **Use the touch wheel** (C) to scroll through options and the centre OK button (E) to select.
  - **Turn off** eVol<sup>®</sup> XR by pressing and holding the back button (B) for 3 seconds.
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## MAIN MENU

### Dispense

- Select 'Dispense'.
- Press 'RUN' – your syringe automatically aspirates the pre-set volume (default is 100% of syringe capacity).
- Press 'RUN' again – your syringe automatically dispenses the aspirated volume (default is 100% of syringe capacity).

When the action dot is beside 'Aspirate', 'Function Edit' can be selected to adjust the aspirated volume (using the right and left arrows). The dispense volume can be adjusted in the same way. 'Speed' can be selected to adjust the speed of the aspiration (select a slower speed for more viscous samples).

### Repeat Dispense

- Select 'Repeat Dispense'.
- Select 'Function Edit'. You can now set a volume to be repeatedly dispensed from a single aspiration. (If the sum of your dispenses is greater than the syringe volume, you will be unable to save your choices – the details of the error can be viewed by pressing the right arrow) The number of dispenses and both the aspirate and dispense speeds can also be adjusted from this screen. Save your choices by pressing the right arrow.
- Press 'RUN' to aspirate.
- Press 'RUN' again for each separate dispense or hold down the 'RUN' button for each dispense to occur automatically. (The time between each dispense is the 'pace' and may be adjusted from this screen)

### Manual Mode

- Select 'Manual Mode'. Aspiration and dispensing is now controlled entirely by holding down the 'RUN' button.