

LCP Mixing Station for mixing of lipids and proteins

The stand-alone LCP (Lipidic Cubic Phase) Mixing Station is ideally suited for the mixing of viscous solutions often used for the crystallization of membrane proteins.



LCP Mixing Station Features:

- Accommodates different syringe types including Hamilton style and the Art Robbins Instruments LCP dispensing syringe.
- Any volume syringe can be used if both syringes are the same volume.
- Eliminates user-to-user and day-to-day variation in LCP set-ups.
- Elapsed mixing time is displayed.
- Quick and easy to load.
- Loading the syringe automatically sets the mixing stroke so that the mix volume is equal to the sample volume in the syringe.
- Audible alarm can be set to sound off after defined elapsed time.
- Easy to clean polished, stainless steel mixing chamber.
- Compact size: (w x h x d) 34.3 cm x 13.9 cm x 11.4 cm

| Cat. No. | Description | Qty. |
|-------------|--------------------|------|
| 620-4000-00 | LCP Mixing Station | 1 |

LCP Hand-Held Multi Volume Dispenser

The LCP Hand-Held Dispenser can be used with syringes from different manufacturers such as Art Robbins Instruments or Hamilton.

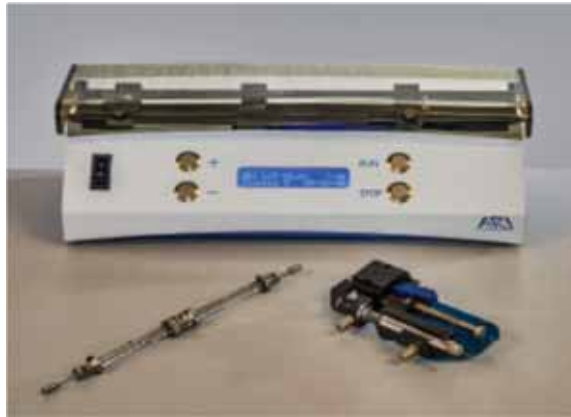
The Dispenser allows setting up to 200 steps and can move 1, 2 or 3 steps per click. The volume of the syringe can be divided into 50, 100 or 200 steps per dispense, e. g. for 10 µl the dispense volume can be set to 50 nl, 100 nl or 200 nl.



| Cat. No. | Description | Qty. |
|-------------|-------------------------------------------|------|
| 620-4100-00 | LCP Hand-Held Multi Volume Dispenser | 1 |
| 620-1005-03 | LCP Syringe, 100 µl, graduated | 1 |
| 620-4101-00 | LCP Syringe Assembly 10 µl (no needle) | 1 |
| 620-4102-00 | Replacement needles for 10 µl LCP Syringe | 3 |

LCP Mixer/Dispenser Starter Kit

Get the LCP Mixing Station and the Hand-Held Multi Volume Dispenser together with useful accessories as a kit.







Parts included in the starter kit:

- 1 x LCP Mixing Station
- 1 x LCP Hand-Held Multi Volume Dispenser
- 1 x 10 µl Syringe plus 3 x Needles (cat. nos.: 620-4101-00 and 620-4102-00)
- 2 x 100 µl Syringe (cat. no.: 620-1005-03)
- 1 x LCP Coupling and Ferrule Mix, ARI-ARI syringe (cat. no.: 620-1200-01)
- 1 x LCP Coupling and Ferrule Mix, ARI-Hamilton syringe (cat. no.: 620-1200-02)

| Cat. No. | Description | Qty. |
|-------------|---------------------------------|------|
| 620-4250-00 | LCP Mixer/Dispenser Starter Kit | 1 |

ARI offers quality **LCP syringes** and replacement parts that can be used in combination with the **“Gryphon” LCP** dispenser, the **LCP Mixing Station** and the **LCP Hand Held Dispenser**

| | Cat. No. | Description | Qty. |
|-------------------------------------------------------------------------------------|-------------|----------------------------------------------------------|-------------------------------------------|
|  | 620-1005-02 | LCP Syringe, 50 µl, graduated (including needle) | 1 |
| | 620-1005-03 | LCP Syringe, 100 µl, graduated (including needle) | 1 |
| | 620-4101-00 | LCP Syringe Assembly 10 µl (no needle) | 1 |
| | 620-4102-00 | Replacement needles for 10 µl Syringe | 3 |
| LCP Syringe | | | |
|  | 620-1100-01 | Replacement Needles Mix for LCP syringes, short | 3 |
| | 620-1100-02 | Replacement Needles Mix for LCP syringes, long | 3 |
| LCP Coupling and Ferrule | | | |
|  | 620-1200-01 | LCP Coupling and Ferrule Mix (ARI-ARI syringe) | 1 |
| | 620-1200-02 | LCP Coupling and Ferrule Mix (ARI-Hamilton syringe) | 1 |
| | 620-1200-03 | LCP Coupling and Ferrule Mix (Hamilton-Hamilton syringe) | 1 |
| | 620-1300-01 | ARI-Syringe Ferrule Assay with Coupling | 1 |
| | 620-1300-02 | ARI-Hamilton Syringe Ferrule Assay with Coupling | 1 |
| | 620-1300-03 | Hamilton-Hamilton Syringe Ferrule Assay with Coupling | 1 |
| LCP Coupling | | | |
|  | 620-1500-01 | Replacement Plunger Rod with tip, 100 µl, LCP | 3 |
| | 620-1500-02 | Replacement Plunger Rod with tip, 50 µl, LCP | 3 |
| | 620-1600-01 | Replacement LCP Syringe Ferrule Nut | 3 |
| | 620-1600-02 | Replacement LCP Nut for Mixer | 1 |
| | 620-1600-03 | Replacement LCP Mixer Coupling | 3 |
| | | 620-1700-01 | Replacement LCP Plunger Tip, 100 µl, PTFE |
| | 620-1700-02 | Replacement LCP Plunger Tip, 50 µl, PTFE | 6 |
| LCP Chiller Sleeve | | | |
| | 620-1800-00 | LCP Tube Rack | 1 |
| | 620-1900-00 | LCP Chiller Sleeve | 1 |

For more information on the devices or accessories from Art Robbins Instruments, please request copies of our separate brochures.