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PHOENIX LIQUID HANDLING SYSTEM

Base modules

600-0000-00 Base Module/desktop computer

600-0000-01 Base Module/laptop computer

Multi-needle dispensing head modules

600-1000-00 96 Head 100ul TCSS

600-1001-00 96 Head 250ul TCSS

600-1002-00 96 Head 500ul TCSS

600-1003-00 96 Head 1ml TCSS

600-1004-00 96 Head 1ml widebore TCSS

600-1010-00 96 Head 100ul Flexible

600-1011-00 96 Head 250ul Flexible

600-1012-00 96 Head 500ul Flexible

600-1013-00 96 Head 1ml Flexible

600-1100-00 384 Head TCSS

600-1110-00 384 Head Flexible

Wash Modules

600-2000-00 Wash Module for 96-syringe head

600-2100-00 Wash Module for 384-syringe head

Nano Modules

600-3000-00 Nano Module

Note: TCSS stands for "Teflon-coated stainless steel"

PHOENIX ACCESSORIES

600-3000-01 Nano Nozzle

- 600-4001-01 Chilling Block (pink)
- 600-4001-02 Chilling Block (yellow)
- 600-4002-00 .2ml Protein Tubes (500 per bag)
- 600-4003-00 Wash Reservoirs (5 per pack)

PHOENIX SERVICE OPTIONS

NEW! Syringe head preventative maintenance

All syringes are removed, inspected and cleaned. Teflon plunger tips are replaced. Complete visual inspection of unit is performed. Syringes with excessive build-up requiring extended cleaning and needle replacement will result in additional charge. See needle refurbishment price list for details. Any replacement parts must be purchased separately subject to customer approval. Shipping to and from ARI added to cost.

- 600-9900-00 96-syringe head maintenance
- 600-9910-00 384-syringe head maintenance

NEW! Syringe head preventative maintenance and certification

All syringes are removed, inspected and cleaned. Teflon plunger tips are replaced. Dispense precision certified. Precision certification results and inspection report returned with unit. All mechanical parts are cleaned and lubricated. Optical sensors are cleaned and tested. Electrical system is inspected and tested. Unit is reassembled and tested. Service typically completed within 5-7 working days after unit's arrival. Syringes with excessive build-up requiring extended cleaning and needle replacement will result in additional charge. See needle refurbishment price list for details. Any replacement parts must be purchased separately subject to customer approval.

- 600-9901-00 96-syringe head maintenance with certification
- 600-9911-00 384-syringe head maintenance with certification

NEW! Phoenix preventative maintenance

ARI recommends an annual preventative maintenance for your Phoenix liquid handling system. An ARI representative travels to you to perform the following: A check of all motors, couplings, lead screws and bearings; a check and update of software, if needed; a visual check of syringe calibration and head dispensation; a check of power supply performance, with ohm meter; check of nest springs; regreasing of slides and lead screws; cleaning of needles, wash reservoirs and decks; replacement of pump head tubing; for Nano heads, new tubing and nozzle. If our technician determines your Phoenix head needs work to correct dispensing accuracy, we recommend it travel back to ARI. This cost -- be it syringe refurbishment or head maintenance -- will be added to the price of your PM.

- 600-9999-00 PM for Phoenix without Nano Head
- 600-9999-01 PM for Phoenix with Nano Head

SYRINGES AND REPLACEMENT PARTS FOR PHOENIX, HYDRA, AND TANGO

Replacement syringes for 96-syringe configurations

102-9440-01 100µl syringe with TCSS needle
102-9440-04 100µl syringe with flexible needle
102-9440-00 290µl syringe with TCSS needle
102-9440-05 290µl syringe with flexible needle
102-9350-00 290µl syringe with TCSS wide-bore needle
102-9470-00 580µl syringe with TCSS needle
102-9470-02 580µl syringe with flexible needle
102-9350-01 580µl syringe with TCSS wide-bore needle
102-9470-01 1ml syringe with TCSS needle
102-9470-03 1ml syringe with flexible needle
102-9350-02 1ml syringe with TCSS wide-bore needle
102-9350-05 1ml syringe with uncoated SS wide-bore needle

Replacement syringes for 384-syringe configurations

102-9370-01 100µl syringe with TCSS needle
102-9370-04 100µl syringe with flexible needle

Replacement barrel for 96 instruments: barrel & Teflon tip; plunger rod not included

102-9450-01 100µl syringe barrel with TCSS needle
102-9450-04 100µl syringe barrel with flexible needle
102-9450-00 290µl syringe barrel with TCSS needle
102-9450-05 290µl syringe barrel with flexible needle
102-9360-00 290µl syringe barrel with TCSS wide-bore needle
102-9480-00 580µl syringe barrel with TCSS needle
102-9480-02 580µl syringe barrel with flexible needle
102-9360-01 580µl syringe barrel with TCSS wide-bore needle
102-9480-01 1ml syringe barrel with TCSS needle
102-9480-03 1ml syringe barrel with flexible needle
102-9360-02 1ml syringe barrel with TCSS wide-bore needle
102-9360-05 1ml syringe barrel w/ uncoated SS wide-bore needle

Replacement barrel for 384 instruments: barrel & Teflon tip; plunger rod not included

102-9380-01 100µl syringe barrel with TCSS needle
102-9380-04 100µl syringe barrel with flexible needle

Replacement Teflon tips for stainless steel and flexible syringes

105-9220-01 100µl, 100 tips per pack (96-syringe configuration)
105-9230-01 290µl, 100 tips per pack
105-9240-01 580µl, 100 tips per pack
105-9250-01 1ml, 100 tips per pack

Replacement Teflon tips for wide-bore syringes

105-9260-01 290µl, 100 tips per pack
105-9270-01 580µl, 100 tips per pack
105-9280-01 1ml, 100 tips per pack

Replacement Teflon tips for stainless steel and flexible syringes

105-9320-01 100µl, 400 tips per pack (for 384-syringe configuration)

Factory replacement of Teflon tips, including cleaning of glass barrel

105-9400-03 100µl syringe (96-syringe configuration)
105-9400-01 290µl syringe
105-9400-02 580µl syringe
105-9400-04 1ml syringe

Factory replacement of wide-bore Teflon tips, including cleaning of glass barrel

105-9500-01 290µl wide-bore syringe
105-9500-02 580µl wide-bore syringe
105-9500-03 1ml wide-bore syringe

Factory replacement of Teflon tips, including cleaning of glass barrel

105-9100-01 100µl syringe (for 384-syringe configuration)

Refurbishment of syringes

102-9510-03 100µl syringe with TCSS needle
102-9510-04 100µl syringe with flexible needle
102-9510-05 290µl, 580µl or 1ml syringe with TCSS needle
102-9510-06 290µl, 580µl or 1 ml syringe with flexible needle
102-9510-07 290µl, 580µl or 1ml syringe w/TCSS wide-bore needle
102-9510-09 1ml syringe with uncoated SS wide-bore needle