

# Phoenix, Gryphon, Cobra, and Hydra Replacement Parts



Art Robbins Instruments offers a complete line of **replacement syringes and syringe barrels** for your Phoenix, Gryphon, Cobra or Hydra instrument. Full syringes or barrels are available in all sizes (100 µl, 290 µl, 580 µl, or 1 ml) with either PTFE coated stainless steel or flexible Nitinol needles. For further information on flexible needles, please see overleaf.

Replacement syringe = barrel, needle, plunger, PTFE tip  
Replacement barrel = barrel, needle, PTFE tip (no plunger)

TCSS = PTFE coated stainless steel; flexible = Nitinol

Description	Replacement syringe Cat. No.	Replacement barrel Cat. No.:
100 µl, TCSS	102-9440-01	102-9450-01
100 µl, flexible	102-9440-04	102-9450-04
290 µl, TCSS	102-9440-00	102-9450-00
290 µl, flexible	102-9440-05	102-9450-05
580 µl, TCSS	102-9470-00	102-9480-00
580 µl, flexible	102-9470-02	102-9480-02
1 ml, TCSS	102-9470-01	102-9480-01
1 ml, flexible	102-9470-03	102-9480-03
100 µl, TCSS (384)	102-9370-01	102-9380-01
100 µl, flexible (384)	102-9370-04	102-9380-04

Replacement **PTFE tips** are available to keep your syringes in proper condition for maximum efficiency.

Cat. No.	Description	Qty.
105-9220-01	100 µl	100
105-9230-01	290 µl	100
105-9240-01	580 µl	100
105-9250-01	1 ml	100
105-9320-01	100 µl (384)	400
105-9900-01	Plunger Tip Loading Tool	1

**Cleaning wires** are available to help maintain your syringes.

Cat. No.	Description	Qty.
102-9490-00	For 290 µl, 580 µl und HLA syringes	10
102-9490-01	For all 100 µl and all flexible syringes	10

Replacement **Nano Needle** for Phoenix and Gryphon Nano Modules

600-3102-00	Nano Needle (new type)	1
600-3000-01	Nano Needle (old type)	1



## Disposables

600-4001-01	Chilling block (pink)	1
600-4001-02	Chilling block (yellow)	1
600-4002-00	Protein tubes, 0,2 ml	500/bag
600-4003-00	Wash reservoir	5/pack
600-4004-00	Hanging drop tool	1
600-4005-00	Phoenix dispense plate	1
600-4006-00	Phoenix Hanging Drop Seals <b>New!</b>	50/pack
600-4007-00	Zymit & EDTA Wash Solution Kit <b>New!</b>	1

**Preisstellung / Price:** Preise verstehen sich in **Euro** zuzüglich Mehrwertsteuer. / **Prices excluding VAT.**

**Zahlung/Payment:** 30 Tage netto. / **30 days net.**

Preisänderungen bleiben vorbehalten. **Prices are subject to change without notice.**

Mit Erscheinen dieser Preisliste sind alle vorhergehenden Preisinformationen ungültig. Alle Angaben sind unverbindlich und ohne Gewähr. **Prices supersede all prices in previous documents. All details without obligation and guarantee.**

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## SEE THE DIFFERENCE A DROP CAN MAKE!

Competition's  
Flexible Needle

Art Robbins Instruments'  
Flexible Needle



ARI needles form drops that consistently hang off the tip, assuring touch-off onto plates - the key to precise dispensing at low volumes. We can convert your syringes from stainless steel or outdated flexible needles to state-of-the-art ARI flexible needles, giving you accurate and precise performance without worry about bent needles.

Photographic side-by-side comparison of flexible needles. All drops are DMSO and blue food coloring dispensed from a 100µl syringe.

## Reconditioned Hydras

Art Robbins Instruments offers a full line of **reconditioned Hydra Instruments** to meet your needs for high-speed aspirating and dispensing of finite volumes. **A full one-year warranty** is offered on all units (which is the same warranty as that offered on new units).

We can configure a Hydra Instrument with the functionality to fit your requirements, with unit features such as:

- 384 or 96 syringes
- Equipped with or without a wash module
- Equipped with or without a plate positioner
- Syringe size from 100 µl, 290 µl, 580 µl or 1 ml
- Flexible Nitinol or PTFE coated stainless steel needle syringes

All units are **refurbished, inspected, assembled and thoroughly tested** by the same technicians who originally built and serviced these Hydras for many years and who are the most qualified to ensure the instruments are performing to original specifications.

Prices upon request

**In addition available:** *Reconditioned HLA equipment, such as Serum Dispenser and Oilers*

