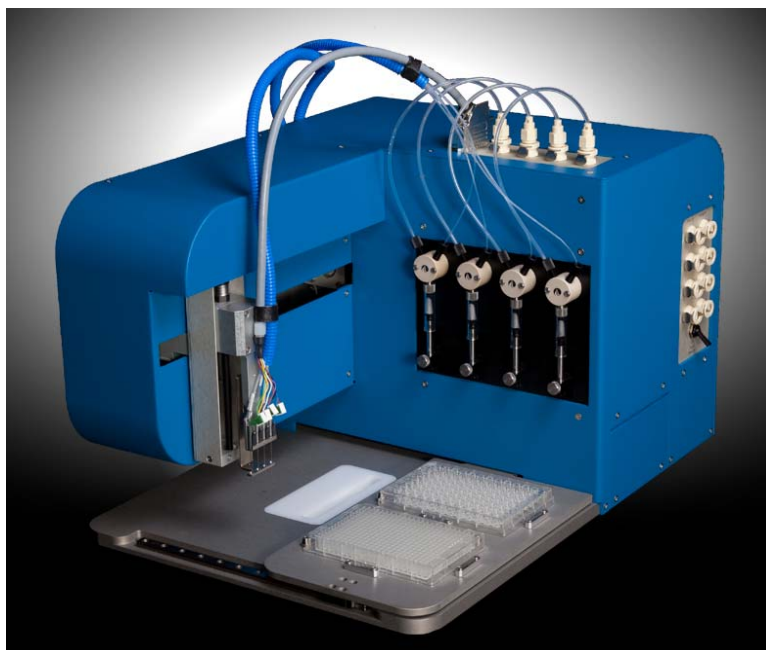


# Cobra 148

## Liquid Handling System

**New!**



The new Cobra 148 line of non-contact nano dispensers is available in 1, 4, or 8 channels with dispense volumes ranging from 50 nl to 2 ml. A touch screen computer control and 2 plate positions add to the versatility of the Cobra.

Fast on-the-fly dispensing quickly fills plates. The 1 and 4 channel system can be used in aspirate/dispense mode or bulk dispense mode, while the dedicated 8 channel bulk dispense system is optimized for high throughput and low dead volume.

### Features:

- Dispense 50 nl to 2 ml.
- 8-channel bulk dispense only.
- Dispense any volume, any well.
- Dispense gradients for direct dilutions.
- Also aspirates from tubes up to 1,2 ml in volume
- 2 plate position deck. Accommodates 96-, 384-, 1536-, deep well, and Terasaki plates.
- Integrated wash system.
- Touch screen computer control.
- Drag and drop protocol creation.
- Liquid level sensing for all reagent bottles.
- Units are self contained and require no outside air source.
- Small space saving footprint.

## Individual features and specifications of the different Cobra models:

### Cobra 1 (Cat. No. 630-1000-10)

- Versatile 1-channel design ideal for small research labs and assay development.
- Aspirate/Dispense mode allows minimal waste of valuable reagents.
- Bulk dispense mode from 2 reagent bottles with liquid level sensing.

Modes: Aspirate/Dispense, Bulk Dispense  
Channels: 1  
Size: 14" (35,5) x 20" (50,8) x 16" (40,6) WxDxH (cm)  
Weight: 46 lbs (21 kg)  
Electrical: 120/240 VAC, 3 A, 50/50 Hz

### Cobra 4 (Cat. No. 630-1000-40)

- 4-channel dispense head.
- Aspirate/Dispense mode allows minimal waste of valuable reagents.
- Bulk dispense mode from 4 reagent bottles with liquid level sensing.
- Can assign Aspirate/Dispense mode and bulk dispense mode on per channel basis. Allows to bulk fill a plate and then add different reagents into each well.

Modes: Aspirate/Dispense, Bulk Dispense  
Channels: 4  
Size: 14" (35,5) x 20" (50,8) x 16" (40,6) WxDxH (cm)  
Weight: 57 lbs (26 kg)  
Electrical: 120/240 VAC, 3 A, 50/50 Hz

### Cobra 8 (Cat. No. 630-1000-85)

- 8-channel bulk dispense head.
- Bulk dispense mode from up to 4 reagent bottles with liquid level sensing or 1 low dead volume source.

Modes: Bulk Dispense  
Channels: 8  
Size: 14" (35,5) x 20" (50,8) x 16" (40,6) WxDxH (cm)  
Weight: 47 lbs (21 kg)  
Electrical: 120/240 VAC, 3 A, 50/50 Hz



Please note also available are:

The "**Gryphon**" with 2 plate positions and dispensing head for 96 or 384 flexible needles.

The "**Phoenix**" – the bigger version of the "Gryphon" for high-throughput liquid-handling with 9 plate positions.

Optional for both models are non-contact dispensers.

Further details upon request.