



# COBRA

1 or 4 Channel Nano Dispenser



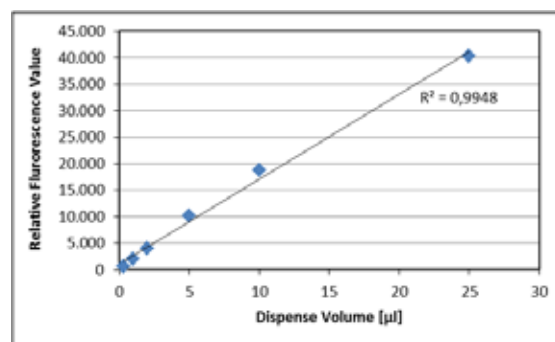
“Cobra 4 Channel“

## “Cobra” features:

- Ideal for **PCR Master Mix** dispensing, biochemical assays and drug development
- Low dead volume minimizes waste
- Fast non contact dispensing into 96-, 384- and 1536-well plates, deep well blocks and PCR plates
- Holds full skirt and semi-skirted PCR plate adapters
- Dispense 300 nl to 5 ml using 1 or 4 non-contact nano-dispensers
- Dispense any volume, any well with up to 4 independent reagents in the same pass
- Dispense gradients for direct dilutions
- Easy-to-use, computer controlled “drag-and-drop” software
- Mixed modes in one run are possible (switch between aspirate/dispense and bulk dispense)
- Aspirate from deep well blocks, 0.2 ml and 1.2 ml tubes
- 2 position plate deck
- Liquid level sensing for all reagent bottles
- Can be integrated into automatic systems for storage of plates → ask for further information
- Integrated wash system

## Dispense Accuracy:

Cobra 4 Channel Nano Dispenser		
Dispense Volume $\mu\text{L}$	Relative Fluorescence Value	CV %
25	40300	2.9
10	18762	3.5
5	10126	3.3
2	4022	2.9
1	2008	3.2
0.3	589	6.1



Individual features and specifications of the different “Cobra” models:

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

- Versatile 1-channel dispense head for small research labs.
- Ideal for PCR master mix set-ups, assay development and cell dispensing.
- Aspirate/Dispense mode allows minimal waste of valuable PCR reagents.
- Bulk dispense mode from reagent bottles to quickly fill many plates.
- Small space-saving footprint: (w x d x h) 35.5 x 50.8 x 40.6 cm; 21 kg

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

- 4-channel dispense head for increased throughput.
- Dispense up to 4 separate reagents in the same pass.
- Aspirate/Dispense mode allows minimal waste of valuable reagents.
- Bulk dispense mode from reagent bottles to quickly dispense large volumes.
- Assign Aspirate/Dispense mode and Bulk-Dispense mode on per-channel basis.
- Bulk Dispense mode can be combined with Aspirate/Dispense mode to optimize performance.
- Mixed volumes for all channels are possible
- Small space-saving footprint: (w x d x h) 35.5 x 50.8 x 40.6 cm; 26 kg

### Accessories included:

- Computer, mouse and mouse pad
- Wash reservoir and pump
- Multi-seat software license
- Extra nozzle
- One wash/reagent bottle per channel

**Please ask for our separate Accessories Price List  
including spare syringes and plates**