

## Multidrop® 384

**Multidrop 384 is a well-known automated bulk reagent dispenser designed for high-throughput screening and microvolume dispensing into 384- and 96-well microplates. Multidrop 384 is recommended when the dispensing volume is more than 20 µl per well.**

### Flexible volume range

Multidrop 384 allows continuous dispensing in 5 µl increments with a flexible volume range: 5 – 100 µl for 384-well plates, and 5 – 395 µl for 96-well plates. Multidrop 384 offers outstanding flexibility. It dispenses up to 8 different liquids simultaneously and the plate format can easily be changed from 384- to 96-well plates. Multidrop 384 can also be programmed to dispense any number of columns of the plate.

### Fast, precise and accurate dispensing

The fast, precise and accurate Multidrop 384 fills a 384-well plate with 20 µl/well in less than 20 seconds and a 96-well plate in 5 seconds.

### Autoclavable dispensing cassette

Multidrop 384 and Multidrop DW use the same detachable and autoclavable 8-channel dispensing cassette. All reagent lines can be back flushed to the reagent bottle, minimizing loss of expensive reagents. For robotic applications, an additional dispensing cassette with 2 m tubing is also available.

### Robot compatibility

Although Multidrop 384 can be used as a stand-alone instrument, it can also be integrated with robotic plate handling devices via an RS-232 serial port.

### IQ/OQ/PQ

The instrument qualification IQ/OQ/PQ Protocol Book is available for the Multidrop 384. For further information about the features of the IQ/OQ/PQ, see page 52.



### Technical Specifications

Multidrop 384		
Plates	384-well plates	96-well plates
Dispensing volume	5 – 100 µl in 5 µl increments into 384-well plates	5 – 395 µl in 5 µl increments into 96-well plates
Dispensing speed	20 s/20 µl into 384 wells	5 s/20 µl into 96 wells
Dispensing accuracy	± 2% at 20 µl (typical)	± 1% at 100 µl (typical)
Dispensing precision	CV < 1.5% at 20 µl	CV < 1% at 100 µl
Interface	Serial RS-232 port	

→ Ordering information on pages 54–55.

