

ARTISAN®
TECHNOLOGY GROUP

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Find the *Tomtec Quadra96 320* at our website: ***Click HERE***

QUADRA96® MODEL 320

96-Well Simultaneous Pipetting

Six Station Automated Shuttle

Automates complete assay protocols
Pipette multiple reagents in one pass
Custom reservoirs for Standards & Controls
Flow through tip washing station
Bar code reader for sample tracking

Disposable Tip Assembly

Polypropylene disposable tips
Tips easily loaded or removed
Tips reach bottom of deepwell plates

Programming Options

Stand alone—using the front panel
Offline PC programming—using Quadload software
Windows programming—using Quadra Command software
Remote from Host—in robotic integration



Precision Pipetting

Air Displacement or Positive Displacement
Volumes from 5µL to 450µL
Cv of 2% at 10µL

Functional Description

The Quadra96® Model 320 is a versatile automated workstation. It is a true 96 well high throughput pipetter equipped with 96 disposable tips—450µl max volume. The 450µL capacity tips and six station shuttle are suited to a variety of applications including replicate plating, SPE (Solid Phase Extraction), liquid/liquid extraction among many more.

TOMTEC

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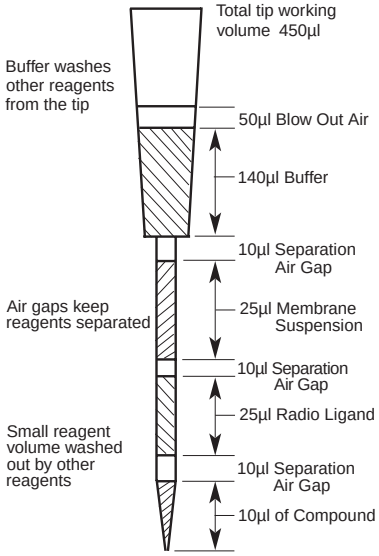
Pipeline Pipetting

The unique Quadra tips are designed to aspirate multiple reagents in one pass, using air gap separations. The result of this pipeline pipetting is speed in processing, plus better precision by washing out small volumes with the larger volumes of other reagents.



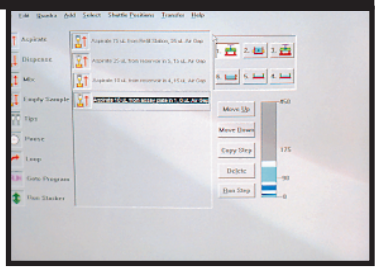
SPECIAL TIP DESIGN

Aspirates multiple reagents
and keeps them separated with air gaps.



Tips are retained as a 96 place rack to allow loading and unloading as a unit.

Fully Programmable



Three types of programming are available to meet the users specific need. Stand alone using the front panel, or PC programming using Quadload software, offers 40 program files in memory. Windows programming using Quadra Command software offers full PC control. It's the users choice.

Performance Accessories

Many accessories are available to extend the capabilities of the Quadra96® Model 320. Tip Washing Systems – both Ultrasonic and Flow Through, Constant Level Recirculating Reservoir, Barcode Reader, Reagent Reservoir Stirrer, Thermal Retention Reservoir, Custom Reservoirs for Standards & Controls and Stackers for automated plate handling are all designed to add performance value.

Technical Information

Utilities

Input Power: 90-240VAC, 50/60Hz
Power Consumption: 230 WATT Nominal

Physical

Unit Dimensions: 25" x 29" x 22" (W x H x D)

Net Weight: 125 lbs

Communication

- No Parity
- Baud rate 2400
- One stop bit
- Eight bits per character

Ordering Information

☐ Quadra96® Model 320
6-Station Automatic Shuttle
Cat. No. 196-320

☐ Standard Orifice (0.036)
Polypropylene Pipette Tips,
(96 tips/rack, 50 racks/carton)
Cat. No. 196-205

☐ Micro Orifice (0.026)
Polypropylene Pipette Tips,
(96 tips/rack, 50 racks/carton)
Cat. No. 196-206

☐ Sterilized Polypropylene Pipette Tips are available in both orifices, please contact Tomtec for more information.

Note: European and Japanese models are also available, contact the Tomtec sales department for information.

TOMTEC

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