

QUADRA TOWER



BREAKTHROUGH IN MULTIWELL PIPETTING

At Last!

low cost 96 well pipetting

- Easy to use
- Manual push-button operation
- Fully Programmable
- No external computer required
- 96 Individual pipettors can be 24 well
- 450 μ L to less than 10 μ L pipetting range
- 2% CV at 10 μ L
- One year warranty parts & labor

QUADRA 96[®]
Pipetting Technology

*Over 15 Years of
Design Reliability*

Takes The Same Bench Width As Your Notebook
11" x 16" x 25"



TOMTEC[®]

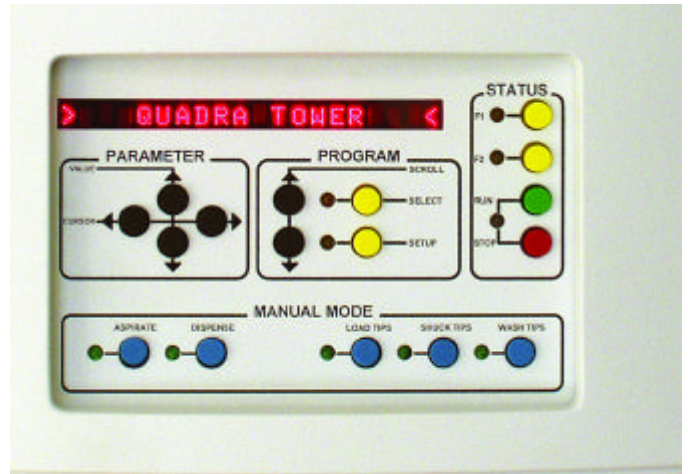
for more information visit: www.tomtec.com

1000 Sherman Ave., Hamden, CT 06514
Toll Free (877) 866-8323 • Fax (203) 248-5724

QUADRA TOWER

Description of Operation

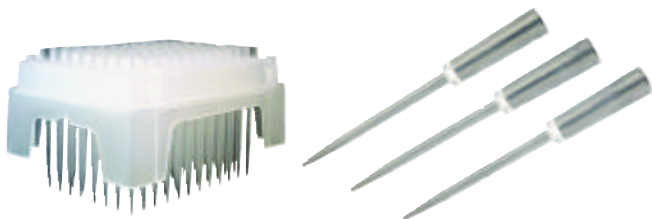
The **QUADRA TOWER** is the evolution of **TOMTEC**'s proven Quadra pipetting technology. It is designed to fill the gap between 8 and 12-channel, hand-held pipettors and Tomtec's high-level automation. It may be used in a simple, manual mode. Individual push buttons provide the basic functions of aspirating and dispensing by simply entering the volume desired. Other push buttons select tip-loading and tip-shucking. Where feasible, the tips may be washed for economy of operation. More sophisticated pipetting sequences can be fully programmed in a simple, intuitive manner and selected for repetitive applications. This is accomplished from the front control panel. It can also be integrated into a robotic system. In essence, the mode of operation is designed for operational convenience by a variety of users, using different skill levels.



Control Panel



Operating Area



Pipettor Rack and Tips

Two pipetting stations accommodate liquid transfers from reservoirs or deepwell microplates. Two other stations accommodate 96 well microplates. The Quadra tip design is unique. The maximum volume is 450 μ L, particularly useful if aliquoting to repetitive plates. The long, narrow end will access the bottom of a deepwell plate. The design also permits the pipeline pipetting of individual reagents using air-gap separation. The unit has a CV of 2% at 10 μ L.

Available Accessories

A peristaltic pump is available to continuously change the water in the tip washing station. An ultrasonic tip washing station provides additional economy of operation for more demanding applications. Tomtec's 96 well pipettor head assembly is standard for the Tower. However, it can also be supplied with Tomtec's small volume, positive displacement pipettor heads in either 96 well or 384 well. These pipettors can provide precision of 2-3% at the 0.5 μ L level.

ORDERING INFORMATION

QUADRA TOWER

96 position, 450 μ L non-backfill pipetting head

Cat. Num.: 400-10(*)

(*) Specify Country

your sales representative is:

TOMTEC[®]