



Full custom configurations

Tomtec, Inc. is a full service US manufacturer with its in-house CAD, tool & die design manufacturing and engineering support. This allows us to quickly design, develop and deploy custom manufactured components and/or fixtures to meet your demanding work-flow needs.

	Pipette Head Configuration	Quadra4 hardware Options	Station Accessories
High Throughput Screening for NME	<ul style="list-style-type: none"> • 96 channel DMV pipette head • 384 channel 60µL Stainless steel pipette head 	<ul style="list-style-type: none"> • Quadra indexing stage for Serial dilution & Reformatting with Individual Tip Loader • Bi Directional Stacker with temp. control for continuous runs • Enhanced Pneumatic Control System • N₂ Blow-through with vacuum control • Thermal lamination unit to seal assays • Sample Identification Module • Barcode Reader for LIMS integration • Automated vacuum filtration 	<ul style="list-style-type: none"> • Temperature controlled heating station • Shaker Nest Assembly • Constant Level Re-circulating Reservoir System - Includes: Reservoir, Peristaltic Pump, and Tubing Kit.
Solid Phase Extraction	<ul style="list-style-type: none"> • 96 channel 450µL pipette head • 96 channel DMV pipette head 	<ul style="list-style-type: none"> • Quadra indexing stage for Serial dilution & Reformatting with Individual Tip Loader • Enhanced Pneumatic Control System • Auto Regulated Vacuum Trap • Automated Filtration System • Sample Identification Module • Barcode Reader for LIMS integration • Bi Directional Stacker for continuous runs 	<ul style="list-style-type: none"> • Ultrasonic tip wash System • Shaker Nest Assembly • Heat/Chill Nest (Peltier) • Positive Pressure SPE
Sandwich ELISA	<ul style="list-style-type: none"> • 96 channel 450µL pipette head 	<ul style="list-style-type: none"> • Quadra indexing stage for Serial dilution & Reformatting with Individual Tip Loader • Enhanced Pneumatic Control System • Sample Identification Module • Barcode Reader for LIMS integration 	<ul style="list-style-type: none"> • Ultrasonic tip wash System • Shaker Nest Assembly • 3 - Heat/Chill Nest (Peltier)
Genomics - sample preparation and PCR	<ul style="list-style-type: none"> • 96 channel 450µL pipette head 	<ul style="list-style-type: none"> • Enhanced Pneumatic Control System • Sample Identification Module • Barcode Reader for LIMS integration • Auto-Mag (Magnetic Plate Nest) 96 Well 	<ul style="list-style-type: none"> • 3 stainless steel Coated Aluminum Reservoir • Ultrasonic tip wash System • Shaker Nest Assembly • Heat/Chill Nest (Peltier)
Drug testing (metabolites - NIDA-5)	<ul style="list-style-type: none"> • 96 channel 60µL stainless steel pipette head 	<ul style="list-style-type: none"> • Quadra indexing stage for Serial dilution & Reformatting with Individual Tip Loader • Enhanced Pneumatic Control System • Sample Identification Module • Barcode Reader for LIMS integration 	<ul style="list-style-type: none"> • Ultrasonic tip wash System • Constant Level Re-circulating Reservoir System - Includes: Reservoir, Peristaltic Pump, and Tubing Kit. • Shaker Nest Assembly