

TECHNICAL BULLETIN

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Subject: MANTECH Autosampler Bed Capacities

MANTECH offers 6 Autosampler models, and 6 standard sample vessels. Certain models can be arranged with a Dual-Probe or Quadra-Probe setup to increase sample throughput. This document outlines the various sample capacities for different combinations of Autosampler model, sample vessel, and Single/Dual/Quadra-Probe configurations. Photos and dimensions of the standard sample vessels are also provided. If you have any questions about autosampler capacities, or custom sample vessel requests, please contact MANTECH at support@mantech-inc.com.

MANTECH Autosampler Estimated Bed Capacities					
Autosampler Model/Configuration		50mL Conical Bottom Tube	50mL Flat Bottom Tube	50/88/125mL Cups	15mL Conical Bottom Tube
AM73	Single-Probe	73	73	30	212
AM122	Single-Probe	122	106	47	N/A
	Dual/Quadra-Probe	108	100	43	N/A
AM197	Single-Probe	197	168	77	N/A
	Dual/Quadra-Probe	196	160	76	N/A
AM354	Single-Probe	312	264	96	N/A
	Dual/Quadra-Probe	288	252	96	N/A
AM372	Single-Probe	416	352	128	N/A
	Dual/Quadra-Probe	384	336	128	N/A
AM390	Single-Probe	520	440	160	N/A
	Dual/Quadra-Probe	480	420	160	N/A

Diameter: 31 mm
Height: 106 mm



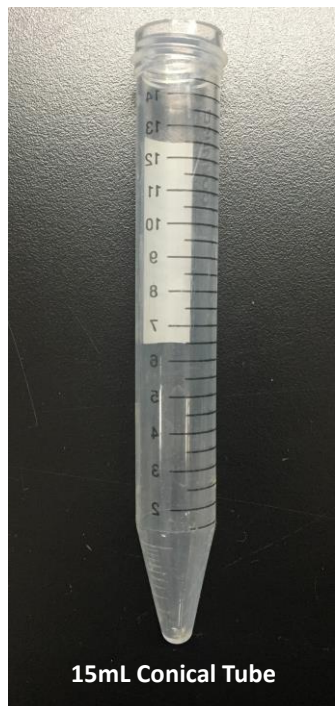
Diameter: 56/38 mm Top/Bottom
Height: 57 mm



Diameter: 52/32 mm T/B
Height: 51 mm



Diameter: 30 mm
Height: 115 mm



Diameter: 20 mm
Height: 120 mm



Diameter: 55 mm Top, 40 mm Bottom
Height: 91 mm