












# Alpha Beta Counting Systems Comparison Chart

## AUTOMATIC SYSTEMS

						
	<b>ASC-950-DP</b>	<b>WPC-1050</b>	<b>IPC-650</b>	<b>IPC-650-HP</b>	<b>WPC-1150-GFW-3</b>	<b>WPC-1150-GFW-5</b>
<b>Sample Changer</b>	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
<b>Detector Type</b>	Dual Phosphor	Gas Flow Proportional	Windowless Gas Flow Proportional	Gas Flow Proportional	Gas Flow Proportional	Gas Flow Proportional
<b>Number of Detectors</b>	1	1 + guard	1	1	1 + guard	1 + guard
<b>Counter Type</b>	Gross Bkg	Ultra-Low Bkg	Ultra-Low Bkg	Ultra-Low Bkg	Low Bkg	Low Bkg
<b>Sample Size</b>	5.1 cm (2 in.)	5.1 cm (2 in.)	5.1 cm (2 in.)	5.1 cm (2 in.)	7.6 cm (3 in.) or custom	10.2 cm (4 in.) or custom
<b>Sample Capacity</b>	50, 100 optional	50, 100 optional	50	50	50	50
<b>Interface</b>	Touch Screen	Touch Screen	Remote PC	Touch Screen	Touch Screen	Touch Screen

# Alpha Beta Counting Systems Comparison Chart

## MANUAL SYSTEMS

					
	<b>MPC-900-DP</b>	<b>MPC-900-GFW</b>	<b>MPC-900-GFL</b>	<b>MPC-1000-GFW</b>	<b>MPC-1000-GFL</b>
<b>Sample Changer</b>	Manual	Manual	Manual	Manual	Manual
<b>Detector Type</b>	Dual Phosphor	Gas Flow Proportional	Windowless Gas Flow Proportional	Gas Flow Proportional	Windowless Gas Flow Proportional
<b>Number of Detectors</b>	1	1	1	1 + guard	1 + guard
<b>Counter Type</b>	Gross Bkg	Gross Bkg	Gross Bkg	Ultra-Low Bkg	Ultra-Low Bkg
<b>Sample Size</b>	5.1 cm (2 in.)	5.1 cm (2 in.)	5.1 cm (2 in.)	5.1 cm (2 in.)	5.1 cm (2 in.)
<b>Sample Capacity</b>	1	1	1	1	1
<b>Interface</b>	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen

## MULTI-DETECTOR SYSTEMS

				
	<b>MDS-4</b>	<b>MDS-8</b>	<b>MDS-12</b>	<b>MDS-16</b>
<b>Sample Changer</b>	Manual	Manual	Manual	Manual
<b>Detector Type</b>	Gas Flow Proportional	Gas Flow Proportional	Gas Flow Proportional	Gas Flow Proportional
<b>Number of Detectors</b>	4 + guard	8 + 2 guards	12 + 3 guards	16 + 4 guards
<b>Counter Type</b>	Ultra-Low Bkg	Ultra-Low Bkg	Ultra-Low Bkg	Ultra-Low Bkg
<b>Sample Size</b>	5.1 cm (2 in.)	5.1 cm (2 in.)	5.1 cm (2 in.)	5.1 cm (2 in.)
<b>Sample Capacity</b>	4	8	12	16
<b>Interface</b>	Remote PC	Remote PC	Remote PC	Remote PC