

## PB-900™ SERIES SIX-PADDLE PROGRAMMABLE JARTESTER

It is widely accepted that accurate jar testing is one way to help produce the highest quality water possible, as economically as possible. The consistently reproducible results obtained by Phipps & Bird JarTesters assist water and wastewater treatment plants around the globe in achieving their goals by helping to determine the optimal dosing for their specific conditions.

Today, there are four world-class Phipps & Bird JarTesters from which to choose. Each is designed to meet specific, yet different, needs. Each is constructed with the same quality and craftsmanship that have gone into all our jar testers for more than 70 years.

The PB-900™ Programmable Six-Paddle JarTester elevates jar testing to a higher level of precision by utilizing four operator-programmable memory banks that offer virtually unlimited stirring capabilities. Each memory bank may be programmed with paddle speeds from 5 to 300 rpm in 1-rpm increments and run times from 1 second to 59 minutes, 59 seconds in 1-second increments. Turning the stirrer off does not erase the programmed information. The stirrer may be run independently in any one of the memories, continuously at a selected speed or sequentially through the memory banks. Running it in 'sequential mode' permits automatic transitioning from a fast mix/short run to a slow mix/long run, or any combination or speeds and times desired to replicate actual plant conditions and operation. Constructed on a powder-coated steel uniframe chassis, six stainless steel 1" x 3" paddles are spaced six inches apart and are adjustable to a maximum depth of nine inches. The PB-900 comes complete with a fluorescent lamp floc illuminator built into the jar tester base to provide soft, diffused lighting of samples being tested. Each unit comes complete with your choice of either six standard, round, glass, 1-liter laboratory beakers or six B-KER<sup>2</sup>® square, acrylic, 2-liter testing jars, and is covered by a one-year manufacturer's warranty. All Phipps & Bird JarTesters are available in 120V, 60 Hz or 220V, 50/60Hz.

Catalog Series #7790-9XX

And now you can make your jar test results even more meaningful by adding a Phipps & Bird Column Filtration System™ to your jar testing system. The Column Filtration System accurately simulates the process of a direct filtration water treatment plant, right in your lab!

Catalog #7780-200 (six-station) or #7780-100 (four-station)



**Labquip**

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# Standard Features

	PB-700	PB-750	PB-900	PB-950
Powder-coated steel uniframe chassis	✓	✓	✓	✓
Fluorescent-lamp floc illuminator	✓	✓	✓	✓
Stainless steel 1" x 3" paddles	✓	✓	✓	✓
Round, 1L glass beakers or 2L B-KER <sup>2</sup> ® Square lab jars	6	4	6	4
CE Certification (220V only)	✓	✓		
Electronic motor control, 5-300 rpm; digital readout	✓	✓		
1 – year warranty	✓	✓	✓	✓
Four operator-programmable memory banks			✓	✓
Choice of 120V, 60 Hz or 220V, 50/60 Hz	✓	✓	✓	✓

## Optional Feature

Carrying case, meets Air Transport Assn. Specification 300, Category 1.

✓

✓

**Labequip**

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# Specifications

Description:	PB-900™ Phipps & Bird Programmable Jar Tester w/Illuminator
Construction:	Powder coated galvaneal steel chassis Stainless steel shafts & paddles LED illumination modules
Power Requirements:	24VDC. 100 to 240VAC 50/60 Hz adapter (provided)
Operation:	Microprocessor-controlled; keypad input. Four operator-programmable memory banks Operational speeds from 1 to 300 RPM
Compliance & Certifications:	CE (Documentation available upon request) and cTUVus
Warranty:	1 year, parts & labor
Shipping Dimensions:	6-Station: 47" X 16" X 20" 4-Station: 35" X 16" X 20" 2-Station: 35" X 16" X 20"
Shipping Weight:	6-Station w/no beakers: 60 pounds 6-Station w/glass beakers: 65 pounds 6-Station w/B-KER <sup>2</sup> ® Jars: 70 pounds  4-Station w/no beakers: 47 pounds 4-Station w/glass beakers: 50 pounds 4-Station w/B-KER <sup>2</sup> ® Jars: 54 pounds  2-Station w/B-KER <sup>2</sup> ® Jars: 41 pounds
Catalog Numbers:	6-Station w/no beakers: 7790-900B 6-Station w/glass beakers: 7790-900 6-Station w/B-KER <sup>2</sup> ® Jars: 7790-910  4-Station w/no beakers: 7790-950B 4-Station w/glass beakers: 7790-950 4-Station w/B-KER <sup>2</sup> ® Jars: 7790-960  2-Station w/B-KER <sup>2</sup> ® Jars: 7790-980
Country of Origin:	United States of America



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