

## Proto-Boards<sup>®</sup>, Solderless Breadboards & Accessories

### PB-103

#### Solderless Proto-Board Systems

- Today's Standard For Quality In Breadboarding
- Ideal for prototyping circuit applications to 57MHz & more!
- QT Sockets & bus strips mounted on rugged back panel
- Recommended for design, test fixture, quality control and education.
- "The only breadboard you'll ever have to buy!"
- Unconditional lifetime warranty
- Nickel silver alloy pins are pre-stressed, spring loaded and non-corrosive for long term reliability
- Molded in a rugged thermoplastic for durability and high temperature application
- Heavy mylar backing eliminates possibility of short circuits
- Patented design
- Proudly made in the U.S.A. from domestic materials
- Innovators of high quality breadboards since 1973



## PB-103

Sockets	3/QT59S	Length	9.0 in (229mm)
Bus Strips	1/QT47B	Width	6.0 in (152mm)
	4/QT59B	Height	1.4 in (36mm)
IC Capacity	24	Powered	No
Terminals	450	Weight	29.0 oz
Tie Points	2250	Part Number	104-1030
Binding Posts	4		
Backplate	Aluminum		

# Proto-Boards® *Global's premium brand*

## SOLDERLESS PROTO-BOARDS®

**NEW!**



**PB-10**    **PB-60**    **PB-70**    **PB-83**    **PB-103**    **PB-104**    **PB-105**

IC Capacity	8	16	12	8	24	32	48
Terminals					450	612	912
Tie Points	840	1680	1260	840	2250	3060	4560
Binding Posts	3	4	3	3	4	4	5
Length	7.0 in	6 in.	8.5 in	7 in.	9 in.	9.8 in.	9.2 in.
Width	4.0 in	6.5 in.	5 in	4.0 in.	6 in.	8 in.	11.4 in.
Height	1.4 in	1.4 in.	1.4 in	1.4 in.	1.4 in	1.4 in	1.4 in
P/N	104-1000	104-6000	104-1070	104-0083	104-1030	104-1040	104-1050
Assembly Required	N/A	N/A	Yes	Yes	N/A	N/A	N/A

Back



Clear Plexiglass plate leaves the pin layout and bus strip pin connections clearly visible!

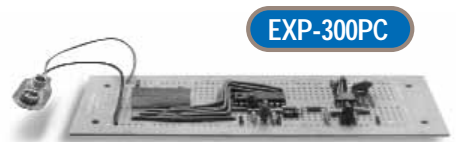
### JUMPER WIRE KIT



**WK-1**

- Contains pre-cut/pre-stripped/pre-formed AWG#22 insulated solid hookup wire
- 25 pieces each of 14 color-coded lengths - 0.1 through 5.0 inches for a total of 350 wires
- Compartmental plastic case
- Each group of wires are individually wrapped to prevent mix-up

### MATCHBOARD



**EXP-300PC**

- Prepared printed circuit board pre-etched and drilled
- Duplicate hole-and-connection pattern of EXP-300
- Use to provide a permanent hard-wired version of your circuit (components not included)

## The Only Breadboard You'll Ever Need:

- Nickel silver alloy pins are pre-stressed, spring loaded and non-corrosive for long term reliability
- Molded in rugged thermoplastic for durability and high temperature application
- Heavy mylar backing eliminates possibility of short circuits
- Limited lifetime warranty

	MODEL	CENTER	STRIP LENGTH	STRIP WIDTH	TIE POINTS	TERM CLIPS	IC QTY
	UBS-100	0.3 in	6.5 in	2.2 in	840	168	8 (14-pin)
	EXP-300	0.3 in	6.0 in	2.1 in	550	110	6 (14-pin)
	EXP-350	0.3 in	3.6 in	2.1 in	270	54	3 (14-pin)
	MODEL	Mount Dimen.	STRIP LENGTH	STRIP WIDTH	TIE POINTS	TERM CLIPS	IC QTY
	QT-59S	6.2 in	6.5 in	1.32 in	590	118	8
	QT-59B	6.2 in	6.5 in	0.36 in	100	20	n/a
	QT-47S	1.0 in	5.3 in	1.32 in	470	94	6
	QT-47B	5.0	5.3 in	0.36 in	80	16	n/a
	QT-35S	3.8 in	4.1 in	1.32 in	350	70	5
	QT-35B	3.8 in	4.1 in	0.36 in	60	12	n/a

Full specifications available on our website: [www.globalspecialties.com](http://www.globalspecialties.com)