



HM-4140

HM-4150

HM-4150A

HM-4160

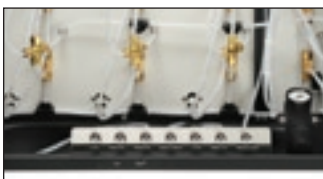
HM-4160A

### Humboldt FlexPanels Features:

- Bias pressure regulator allows simultaneous control of confining & back pressures, while maintaining a constant differential
- Longer Burette and 0.02ml graduation give more accurate results, better productivity, and faster turnaround
- Cost efficient, expandable system
- Uses no-volume-change Swagelock valves
- Bridge feature delivers simultaneous control of base and top pressures by adjusting one pressure regulator
- Quick-connect hookups for fast and reliable set up.
- Master control panel houses digital pressure readout for the controlling pressure, inlet vacuum regulator & gauge, inlet pressure regulators & gauge, de-aired water tank controls, tap & de-aired water supply outlets, and pressure & vacuum outlets
- Humboldt's bridge and bias controls simplify testing
- Long burette design provides a highly accurate scale, as well as faster test response and results
- Lightweight, aluminum frame is extremely durable and resists rust
- Complies with ASTM D5084; BS 1377 Part 6 1990.

### Humboldt FlexPanels

	HM-4140	HM-4150	HM-4160	HM-4150A	HM-4160A
Pressure/ Resolution	2-150 psi (0.1 psi) Metric Models: 14-1000 kPa (1 kPa)				
Vacuum	0-14.7 psi (0-100kPa) or 30 Hg				
Inner Burette					
Cell	50cc x 0.1 cc (ml)				
Top	NA	10cc x 0.02 cc (ml)			
Base	10cc x 0.02 cc (ml)				
Outer Burette					
Cell	400cc (ml)				
Top	NA	460cc (ml)			
Base	460cc (ml)				
Voltage	115V 50/60Hz 220V 50/60Hz (use .4F suffix to part number, i.e. H-4150.4F)			NA	
Power	6 watts				
Operating Temp.	14 to 158°F (-10 to 70°C)				
Dimensions	8" x 8" x 37.5" (203 x 203 x 952mm)	8" x 25.5" x 37.5" (203 x 648 x 952mm)	8" x 43.5" x 37.5" (203 x 1105 x 952mm)	8" x 19.5" x 37.5" (203 x 495 x 952mm)	8" x 37.5" x 37.5" (203 x 952 x 952mm)
Shipping Weight	35lb (16kg)	95lb (43kg)	145lb (66kg)	107lb (49kg)	157 (71kg)



Rear of panel showing quick-connect hookups and plumbing.

**Humboldt FlexPanels are available with regulators reading in kPa. To order, use an M suffix to the Model Number, i.e. HM-4150M.**