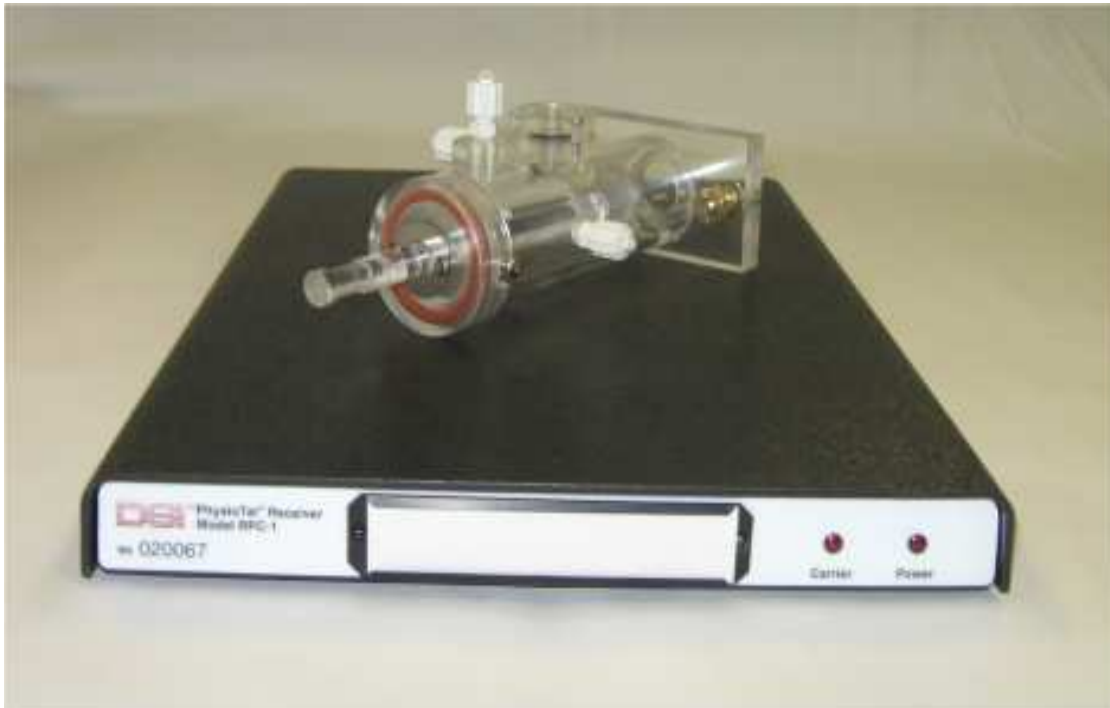


Mouse Plethysmography Chamber



Features:

- **Compatible for use with Validyne Pressure Transducers for optimal data quality.**
- **Single screen pneumotachograph.**
- **Can synchronize flow derived signals with telemetric signals.**
- **Replacement parts available.**

The DSI Plethysmograph Chamber is designed specifically to obtain pulmonary flow signals from conscious mice. The chamber has been designed for a single screen pneumotachograph which eliminates the need to overlap multiple screens while providing optimal resistance for a quality flow signal.

Technical Data Sheet

Model 600-2200-001

Mouse Plethysmograph Chamber

Combined with DSI Telemetry and Ponemah Sync:

- Researchers are equipped to obtain pleural pressure measurements and thus assess resistance and compliance of lung function.
- Alternatively, with the combination of telemetry and hardwired signals, the system can be used to acquire cardiovascular and respiratory endpoints in a single study.

Reference: Murphy DJ, Renninger JP, Gossett KA. A Novel Method for Chronic Measurement of Pleural Pressure in Conscious Rats. Journal of Pharmacological and Toxicological Methods 39, 137-141 (1998)

SPECIFICATIONS	ORDERING INFORMATION																								
<ul style="list-style-type: none">• Chamber tube is constructed of a durable clear acrylic measuring 3" OD and 10" long.• Accommodates standard adult laboratory mice.• Gasket head plate (latex neck seals).• 2 Pressure Transducer ports and 3 ancillary chamber ports.	<table><thead><tr><th data-bbox="776 1066 917 1098">Part Number</th><th data-bbox="971 1066 1096 1098">Description</th></tr></thead><tbody><tr><td data-bbox="776 1098 917 1129">600-2200-001</td><td data-bbox="971 1098 1291 1129">Mouse Plethysmograph Chamber</td></tr><tr><td colspan="2" data-bbox="776 1171 917 1203">Accessories</td></tr><tr><td data-bbox="776 1203 917 1234">600-1001-001</td><td data-bbox="971 1203 1437 1234">Replacement pneumotachograph screens, Qty 3</td></tr><tr><td data-bbox="776 1245 917 1276">600-1100-001</td><td data-bbox="971 1245 1502 1297">Validyne Pressure Transducer DP-45, +/- 2.25CMH2O use with 13-7715-35</td></tr><tr><td data-bbox="776 1318 917 1350">600-1102-001</td><td data-bbox="971 1318 1502 1371">Validyne Pressure Transducer DP-250, +/- 2.25CMH2O use with 13-7715-35</td></tr><tr><td data-bbox="776 1392 917 1423">600-2210-001</td><td data-bbox="971 1392 1291 1423">Replacement push rod assembly</td></tr><tr><td data-bbox="776 1444 917 1476">600-2211-001</td><td data-bbox="971 1444 1226 1476">Neck Seal (Latex), Qty 25</td></tr><tr><td data-bbox="776 1497 917 1528">600-2212-001</td><td data-bbox="971 1497 1161 1528">O-Ring gaskets kit</td></tr><tr><td data-bbox="776 1549 917 1581">600-2213-001</td><td data-bbox="971 1549 1144 1581">Reducer Ring Kit</td></tr><tr><td data-bbox="776 1602 917 1633">600-2214-001</td><td data-bbox="971 1602 1193 1633">Replacement Plugs Kit</td></tr><tr><td data-bbox="776 1654 917 1686">600-2215-001</td><td data-bbox="971 1654 1144 1686">Refurbishment Kit</td></tr></tbody></table> <p data-bbox="776 1686 1372 1764"><i>Specifications are current at publication. Due to DSI's continuing product improvement program, specifications may change without notice.</i></p>	Part Number	Description	600-2200-001	Mouse Plethysmograph Chamber	Accessories		600-1001-001	Replacement pneumotachograph screens, Qty 3	600-1100-001	Validyne Pressure Transducer DP-45, +/- 2.25CMH2O use with 13-7715-35	600-1102-001	Validyne Pressure Transducer DP-250, +/- 2.25CMH2O use with 13-7715-35	600-2210-001	Replacement push rod assembly	600-2211-001	Neck Seal (Latex), Qty 25	600-2212-001	O-Ring gaskets kit	600-2213-001	Reducer Ring Kit	600-2214-001	Replacement Plugs Kit	600-2215-001	Refurbishment Kit
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DSI products are not intended for the purposes of diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease, or used as a life support device. Use of DSI products are solely for the purposes of conducting life science research.