VISCOELASTIC IMPEDANCE ADAPTER (VIA)

Product Codes: VIA7991

The ViVitro Viscoelastic Impedance Adapter (VIA) works in conjunction with the SuperPump to produce more realistic physiological ventricular pressures. It consists of a fixed resistive element and two adjustable compliance chambers to simulate ventricular viscoelastic behavior.

Features

- Adjustable dP/dt ratio to produce both physiological and diseased cardiac models
- Filters high frequency noise when testing prosthetic valves and aortic conduits
- Easily adjusted

Specifications

<table>
<thead>
<tr>
<th>Fixed Resistance</th>
<th>200 c.g.s. units</th>
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<tbody>
<tr>
<td>Compliance Air Volume</td>
<td>SOURCE 0-120 mL, OUTPUT 0-60 mL, syringe adjustable</td>
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<tr>
<td>Total Liquid Volume</td>
<td>500 mL with SOURCE / OUTPUT compliance air volumes zero</td>
</tr>
<tr>
<td>Materials</td>
<td>Acrylic, Polycarbonate, Delrin, Nylon, Polyethylene, Stainless Steel, Viton</td>
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