MRI Compatible Products & Capabilities

The need to have products that work in and around the MRI imaging system is growing.

To help our customers Harvard Apparatus is expanding our MRI compatible products and capabilities.

MRI Compatible Pumps

Our new MRI Compatible Pump is based on the design of one of our most tried and trusted syringe pumps. The PHD 22/2000. This new pump is made of mostly non-magnetic materials and can be placed near to an imaging magnet when it is use! This will now make drug or dye perfusions possible at and while the magnet is on. It is based on our existing PHD 22/2000 syringe pump but we have taken away most of the magnetic components and replace them with non-magnetic materials. This pump is a remote model where the syringe pumping mechanism is separated from the control box by a 30 foot cable. I allow the pump to be started and stopped near the magnet, a RUN/STOP switch was added to the syringe box. If additional space if require between the control box and pumping mechanism, a 60 foot cable is also available. For more details on the PHD 22/2000 Pump Line, see pages A12 to A 15

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>S</th>
<th>Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS4 70-2130</td>
<td>call</td>
<td>MRI Compatible PHD 22/2000 Infuse/Withdraw Remote Pump with 2 Syringe Rack</td>
</tr>
<tr>
<td>BS4 70-2131</td>
<td>call</td>
<td>MRI Compatible PHD 22/2000 Infuse/Withdraw Programmable Remote with 2 Syringe Rack</td>
</tr>
</tbody>
</table>

MRI Compatible Ventilators

Our ventilator, the Inspira, is used remotely with magnetic imaging systems.

We also have a line of our compatible canulaes and intubation tubes, see respiration Section E of this catalog.

MRI Compatible Surgical Instruments

We have marked those surgical instruments that are MRI compatible. They are manufactured with a non-magnetic material and are very high quality with the highest precision. Look for the Titanium symbol.

MRI Compatible Clamps, Stands and Supports

Harvard Apparatus's is in the process of updating its popular Stronghold Line of Clamps, Stands and Supports to make it MRI compatible. This new line will be made with no magnetic materials and can be used near an imaging magnet.

MRI Compatible Catheters and Tracheal Cannulae

If you are using pumps or ventilators, this catalog has 100’s of Catheters, Indotracheal Tubes and Tracheal Cannulae.

Harvard Apparatus Has A Full Line of Non-Magnetic Connectors and Adapters

If you need to connect tubing near the MRI, we have many options to choose from.