

PORT *and* CATHETER *selection guide*

SPECIES *specific suggestions*

The development by Access Technologies of the Vascular Access Port (V-A-P) in the early 1980's provided many new opportunities and represents a technique in accordance with the guiding principles of animal research - the 3R's. The lack of a chronic exit site wound reduces infection risks, eliminates the need for protective devices and promotes group housing and socialization. While originally designed for intermittent bolus infusions and periodic sampling, they are now widely used in protracted and continuous infusions. **The access port has improved animal welfare by minimizing animal stress and reducing animal use.**

| Vascular Access Port Selection Matrix with Suggested Catheter Sizes For Use In Major Veins & Arteries in a Variety of Species | | | | | | | | | | | |
|--|---------|-------------------|-------------------|------|---------|------|--------------------|-------------------|-------------------|----------------|---------------|
| MODEL | SPECIES | | | | | | | | | | CATHETER SIZE |
| | Mice | Rodents <350gm | Rodents >350gm | Cats | Rabbits | Dogs | Primates <1-2kg | Primates 2-5kg | Primates > 5kg | Swine Sheep | |
| ClearPort Max | | | | | | ● | | | | ● | 5 / 7 / 9 Fr. |
| ClearPort Mid | | | | ● | ● | ● | | | ● | ● | 4 / 5 / 7 Fr. |
| ClearPort Min | | | ● | | | | ● | ● | ● | | 3 / 5 / 7 Fr. |
| ClearPort Grid | | | | | | ● | | | | ● | 5 / 7 / 9 Fr. |
| SoloPort Max | | | | | | ● | | | | ● | 5 / 7 / 9 Fr. |
| SoloPort Mid | | | | ● | ● | ● | | | ● | ● | 4 / 5 / 7 Fr. |
| SoloPort Min | | | ● | | | | ● | ● | ● | | 3 / 5 / 7 Fr. |
| PortHold | | | | | | ● | | | ● | ● | 5 / 7 / 9 Fr. |
| Swirl Max | | | | | | ● | | | ● | ● | 5 / 7 / 9 Fr. |
| Swirl Mid | | | | ● | ● | ● | | ● | ● | ● | 4 / 5 / 7 Fr. |
| Swirl Min | | | ● | | | | ● | ● | | | 3 / 5 / 7 Fr. |
| Swirl Grid | | | | | | ● | | | ● | ● | 5 / 7 / 9 Fr. |
| Lovel Mid | | | | | | ● | | | ● | ● | 3 / 4 / 5 Fr. |
| Lovel Min | | | | | | | ● | ● | ● | | 3 / 4 Fr. |
| InLine | | | | | | ● | | ● | | | 5 / 7 / 9 Fr. |
| Phantom | | | | ● | ● | ● | | ● | | | 3 / 5 / 7 Fr. |
| GPV | | | | | | ● | | | | | 5 / 7 / 9 Fr. |
| SLA | | | | ● | | | | | | | 3 / 5 / 7 Fr. |
| Rat-O-Port | | ● | ● | | | | | | | | 3 / 4 / 5 Fr. |
| MousePort | ● | ● | | | | | | | | | 1 / 2 / 3 Fr. |

The Access Technologies port range represents over 30 years of experience in innovative port design and manufacture. While originally designed for intra-vascular access it has evolved into a multi-purpose access port for use in urinary, intestinal, biliary, intra-spinal, cranial, and ventricular applications. Ports are offered in a number of materials, configurations, shapes and sizes. Each port includes a catheter that can be pre-attached by Access Technologies or for 3 French and larger may be attached intra-operatively by the surgeon. **When choosing the most appropriate port for the species and site, you should consider size, profile, biocompatibility, ease of palpation, septum location, dead space volume, and port chamber design. The ideal catheter should be of a material that is soft, pliable, inherently chemical resistant and biocompatible, has high tensile strength and must be able to meet the flow requirements while maintaining a minimally invasive circumference.**