Tantalum Laboratory Crucibles

Acid resistance comparable to glass

Tantalum is one of the most corrosion resistant materials available, exhibiting resistance to acid attack comparable to glass and platinum. This, combined with high-temperature strength makes tantalum an excellent material for laboratory crucibles, vessels and tubing.

Tantalum exhibits high resistance to boiling aqua regia and displays almost complete immunity to attack by most acids including sulfuric, hydrochloric and nitric. It is completely resistant to molten metals such as magnesium, potassium, lithium and sodium to 1100˚ C. Tantalum can be heated up to 2800˚ C in inert or oxygen-free atmospheres.

Metal Technology offers a standard line of crucibles and covers from 5 ml to 1000 ml and can also supply custom vessels and tubing.