

Broco® Underwater Cutting System



Consisting of the BR-22 Torch, HVR-4401 Regulator, UW/KS Knife Switch, and Ultrathermic Cutting Rods, the Broco® Underwater system provides the fastest, most efficient and cost effective means of completing underwater tasks involving cutting, piercing, or gouging.

The Ultrathermic Cutting Rod produces a temperature in excess of 10,000° F - hot enough to quickly cut or melt through almost anything including cast iron, stainless steel, brass, other ferrous and non-ferrous metals and concrete. 10,000° F means more cut per inch of rod than any other on the market. The Ultrathermic Cutting Rod cuts through marine growth, rust, and mill scale eliminating the need for pre-cleaning and helping lower operating costs and reducing bottom time.

The Broco® Underwater Ultrathermic Cutting System uses only oxygen and maximum of 150 amps. Other equipment may require as much as 500 amps to cut. Our Ultrathermic Cutting Rod readily ignites from a spark generated by a 12 or 24 volt auto or marine battery and will continue to burn with electrical current removed until the flow of oxygen is stopped or the rod is consumed. The need for expensive support equipment is reduced while a safer diving environment is maintained. The recommended oxygen working pressure of 90 psi over bottom economizes oxygen consumption.