



Distributors of N>TEC 6063 T6 Aluminum Cathodes System

The  
**Absolute**  
**Source**  
For **Equipment**  
**Technology**



## N>TEC MASTER ANODIZER



### What is the N>TEC Master Anodizer?

The N>Tec Master Anodizer is a computer control system for controlling an anodizing rectifier. Using the Master Anodizer you can reduce costs and improve quality. The Master Anodizer is built to implement technology developed over many years of practical anodizing shop experience. This technology has been developed by the Alpha Process Company of California, and for best results it should be used with the N>Tec Cathode System and Electrolyte Chemistry.

#### The reasons behind the product.

The original reason for developing the technology was to anodize critical aerospace military parts. Existing methods did not give a sufficiently repeatable process to achieve the high quality and environmental stability demanded in these applications.

#### What's the benefit?

By using the precise control technology incorporated in the Master Anodizer in a tank equipped with the N>Tec Cathode System and electrolyte you can get better quality hard anodizing, virtually eliminate part burning, reduce your energy costs, and achieve the shortest possible cycle times for the target quality.

#### It's easy to use...

Just enter the target coating thickness, the number of parts, and the area of one part using the simple and uncluttered keypad. Choose your current density and ramp time, or accept the previous values. Put the parts in the tank and press Start. The Master Anodizer will calculate the parameters needed for the job, then apply power according to a specifically determined profile. By continuously modulating (or pulsing) the anodizing current you will get improved coating quality, and eliminate wasteful burning and gassing. As the job progresses you can read the anodizing voltage,

current, and the time remaining to completion directly on the display. When the job is done the Master Anodizer alerts the operator and either shuts down the rectifier or sets it to an 'idle' or 'soak' value, as desired. At any time you can pause the process, for example to monitor progress, and carry on from where you left off.