

PALM TECHNOLOGY, INC.

ENTank™ ELECTROLESS NICKEL PLATING

Palm Technology's Electroless Nickel Plating System, ENTank™, is designed and built for a long service life with electroless nickel solutions. It has been the standard in the Metal Finishing Industry since it was introduced in 1985. A Palm ENTank™ is supplied ready to operate.

An ENTank™ is fabricated from stainless steel or stress relieved polypropylene. Palm's proprietary fabrication techniques, while more expensive than standard tanks, significantly extends the life of an ENTank™. Every tank is custom built so there are no tank or configuration limitations.

Each ENTank™ is supplied with a vertical pump, heat exchanger or electric heaters, filtration and air agitation. It is complete with all the necessary piping and valves.

The pump for an ENTank™ is specially designed for the high temperatures of electroless nickel plating baths. The pump is constructed of CPVC and is configured with a PVDF impellor and Viton head O-ring.

An ENTank™ is heated with an ENheat™ external 316L stainless steel heat exchanger or 316L stainless steel electric immersion heaters. The ENheat™ is a high efficiency compact heat exchanger mounted outside of the tank on the discharge side of the pump. It operates with 10- 15 psig of steam pressure and is sized to heat a tank up to temperature in as little as 2 hours. All ENTanks™ come standard with an electronic digital temperature control. All tanks with electric heaters include a level control for safety.

ENbag is a low cost highly efficient means of filtering the EN bath. An ENbag comes in a variety of micron ratings and is supplied complete with a polypropylene bag holder and quick disconnect. An ENbag can be configured immersed in the solution, in a well or in a raised boxed out of the EN bath.

Don't compromise. Contact Palm Technology for your next ENTank™ or complete Electroless Nickel Line.

