

# BA-TPS MEDICAL DEVICE OIL PROCESSOR

Oil-filled tubes, power supplies and other components for X-ray, CT scan and other medical applications require the dielectric strength of the oil be as high as possible. Baron TPS systems are designed to process the electrical insulating fluids for the removal of particulate, moisture, and dissolved gases.

The TPS can also be used to fill these devices under vacuum in order to provide the highest dielectric oil strength possible and minimize the potential for device failure due to bubble formation inside.

## CONTAMINANTS REMOVED:

- The standard TPS removes particulate, moisture, and dissolved gases to ensure the highest dielectric breakdown voltage rating for the oil being used.
- An optional adsorptive media can be added to remove polar contaminants that are sometimes introduced in manufacturing causing a detrimental effect on the power factor value of the oil.

## STANDARD FEATURES:

- 75, 150 or 300 US gph nominal – adjustable from 0-100%
- 2-stage high vacuum pump for efficient moisture and gas removal
- Fully automatic PLC controls and simple to use color touch screen interface
- lightweight aluminum frame

## OPTIONS AND ACCESORIES:

- Fill adaptors to allow vacuum evacuation and oil fill through a single device port
- Individual or group vacuum chambers available for devices that require vacuum both inside and out during filling
- Vacuum dry and fill multiple devices simultaneously
- Dedicated vacuum pump for device evacuation
- Castors and/or forklift slots for mobility
- Manual or automatic controls
- Bladder vacuum and adjustment
- Onboard storage of oil under vacuum

