Circulation Pumps for Thermal Management

As the need for precision temperature management of medical systems increases, the need for accurate, dependable fluid pumps is becoming increasingly important for system reliability.

The Iwaki Advantage

• **Precision Temperature Control**
  Iwaki pumps utilize a unique dual-bearing system that reduces heat generation and helps systems maintain better than 1% accuracy on temperature set-points.

• **Extend Laser Life**
  Iwaki pumps are equipped with the latest Fluoropolymer (PTFE) materials which offer improved wear characteristics, contribute to a cleaner fluid path on your system and help extend the life of laser systems.

• **Reduce System Noise**
  Iwaki pumps are equipped with state-of-the-art BLDC or permanent split-capacitor AC motors that run quieter (as low as 40 dB), cooler and longer than other pump motor designs.

• **Ease of Integration**
  Iwaki pumps combine compact direct drive designs with built-in DC drivers, mulitple mounting configurations (including heads-up) and optional fluid connections, making it easy to find a home for these pumps.

Contact Iwaki today to see more innovative solutions for your most difficult pump applications.

**RD Pumps**
- Flow rates up to 18.5 GPM
- Pressures up to 50 feet TDH
- Long life BLDC motors
- Quiet operation (40 dB)

**MD/WMD Pumps**
- Flow rates up to 35.6 GPM
- Pressures up to 66.6 feet TDH
- Long life AC or DC motors
- Multiple impeller/fitting options