

## **INMOCO INTRODUCES NEW ORMEC ServoWire SD Drives OFFERING HIGH BANDWIDTH AND EASE OF USE WITH IEEE 1394b NETWORKING**

Inmoco has extended its networked servo drive line from ORMEC, with the introduction of the SD Drive family. Consisting of 14 drives, ranging in size from 3 amps to 60 amps, the ServoWire® SD range provides high performance servo operation utilizing high bandwidth digital networking technology based on IEEE 1394b. More robust, efficient and faster than the previous 1394a network, 1394b defines a roadmap to 3.2 G-bit signalling as well as definitions for additional communications media (e.g. fibre optics).

The introduction of the ServoWire® SD range of drives, combined with the recently-introduced SMLC (ServoWire Motion & Logic Controller) series of controllers (see below1), means that Inmoco is now able to provide a complete ORMEC motion control system, offering all the advantages (i.e. high bandwidth, ease of use, higher data rates and improved noise immunity) of IEEE 1394b networking technology.

The ServoWire® SD family of drives support a variety of high performance, quadrature and serial encoder and resolver-based servomotors. It comprises 14 drives, in two series, ranging in size from 3 amps to 60 amps. The 230 Series accepts 115 or 230 VAC inputs, offering 600 to 15,000 watts of output power, while the 460 Series accepts inputs of 230 or 460 VAC, offering 2,400 to 24,000 watts of output power.

Offering high levels of functionality, the ServoWire SD Drives can perform onboard high performance tension control via an integrated analogue input that can be used within the drive itself or by a host controller. Also integrated is an analogue output, which can be used to command a remote device, or be employed as a monitor signal. In addition, the drives have 8 digital I/O points and 2 high speed sensor inputs, all of which are connected via pluggable terminal blocks with convenient LED indicators to aid in system start- up and trouble shooting.

### **1 ServoWire Motion & Logic Controller (SMLC)**

The SMLC provides cost effective integrated motion solutions from one to twenty four axes. Offering a small installation footprint, and providing advanced features such as Pentium 32-bit processors, IEEE 1394b FireWire networking and Ethernet connectivity, the SMLC is a system that can control an entire machine.

## **About INMOCO**

Established in 1987, INMOCO now offers an extensive range of motion control equipment including: compact servo amplifiers, position controllers, stepper motors, PLC controllers, linear motors, sensors, electric actuators and gearheads. INMOCO's product portfolio is supported by extensive applications and technical expertise, in addition to customer-specified electro-mechanical development and sub-assembly services; including calibrating and testing in a class 10,000 clean room facility.

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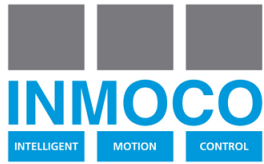
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