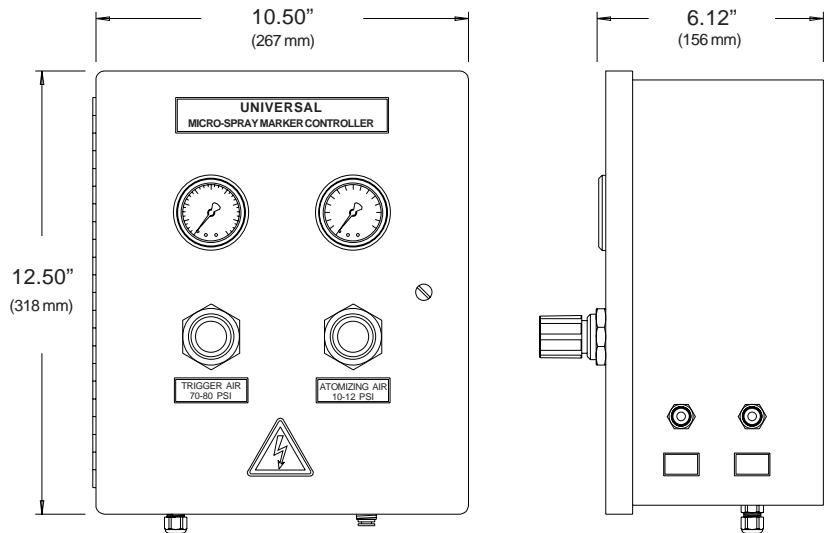


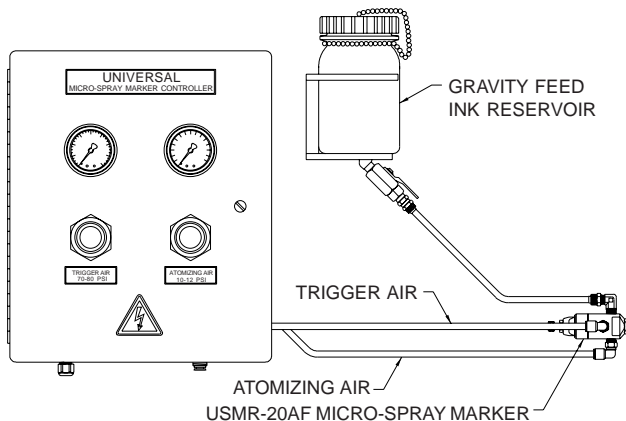
AMERICAN MARKING, INC.

USM-103DS, USM-104DS & USM-105DS



Micro Spray Marker Controllers

Universal USM-103DS, USM-104DS & USM-105DS Micro-Spray Marker Controllers have been designed to control the function of one or more USMR-20 Series Micro-Spray Markers in spot or stripe marking applications. These control systems contain the required pneumatic pressure regulators, gauges & solenoids to operate the Micro-Spray Markers using signals supplied by an external PLC. The only difference between the three models is the operating voltage of the solenoids.



Model Specifications

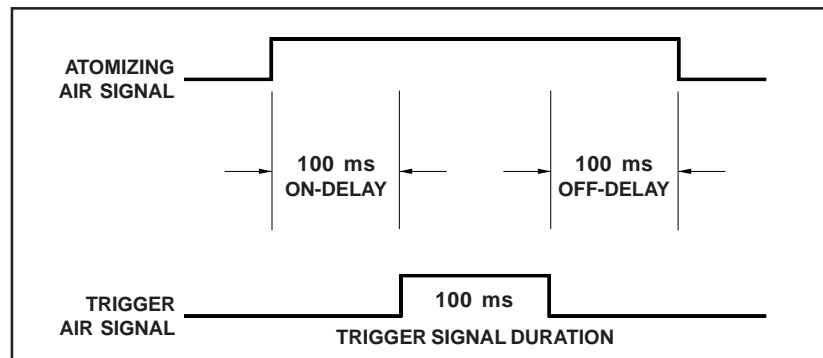
USM-103DS 115 VAC/60 Hz. Solenoids

USM-104DS 12 VDC Solenoids

USM-105DS 24 VDC Solenoids

All models require a source of clean, dry 80 - 100 psi compressed air. Operating signals for the Atomizing Air and Trigger Air solenoids must be supplied by an external PLC. The above models are designed for the control of a single Micro-Spray Marker. Multiple Marker Controllers are available.

Typical Signal Pulse Pattern for Spot Marking Applications



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