

# Missile Electronics



The missile electronics market manufactures diagnostic devices and controls for missiles and rockets. These devices can include detonators, power supplies, control modules, printed circuit boards, switches, and wire harnesses.

Because many elements within these devices are sensitive and fragile, they need protection from vibration and environmental contaminants such as dirt or oil.

Graco equipment dispenses two-component reactive resins (epoxies, silicones, and urethanes) that are used for potting, encapsulating, sealing, vibration dampening, and overmolding of electronic printed circuit boards and connections. The materials help protect the components, which adds reliability and longer life to the electronic devices.

The [Graco PD44](#) is used for shot sizes from 1 to 5 cc's with 1:1 to 25:1 ratio materials. The [Graco PR70](#) is used for shot sizes from 1 to 70 cc's with ratios from 1:1 to 24:1. The [Posiratio PR](#) is used for shot sizes larger than 70 cc's.

Vibration dampening for nose cone radar systems is another segment of the aerospace missile electronics market. For polyurethane foams used in vibration dampening, the [Graco HFR Metering System](#) is used.