

Title (en)

Modular spray gun apparatus and methods

Title (de)

Modulare Sprühpistolenvorrichtungen und Verfahren

Title (fr)

Appareil modulaire de pistolet de vaporisation et procédés

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Application

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Abstract (en)

Modular spray gun apparatus and methods are disclosed. In one embodiment, an apparatus includes a handle module (110) and a head module (130) that is removeably coupled to the handle module. The head module includes a first housing (112) having an inlet (114) adapted to be coupled to a source of pressurized gas (102), a flow passage extending between the inlet and an outlet, and a first coupling member proximate the outlet. Similarly, the head module includes a second housing (132) having a second coupling member (136) removeably coupled to the first coupling member of the first housing, a nozzle (170) fluidly communicating with a spray outlet, and a needle assembly operatively associated with the nozzle to control a flow of liquid material and pressurized gas emanating from a mixing passage through the nozzle.

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