Spray Foam Guns
Past, Present, and Future

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Spray Guns – The Past
Instructions – Parts List

Foam-Cat® Foam Gun 307548T

GUSMER Corporation

Insulation  
Construction  
Coatings

The Original Impingement-Mix Automatic Air-Purge Gun

PROVEN QUALITY. LEADING TECHNOLOGY.
Mechanical Purge Technology

Mechanics

- “Tight” fitting purge rods
- Mix module typically engineered plastic
- Old style – no pattern control but easy
- Later models – pattern control disk
- Later model require adjustments for good sealing
- No air cleaning at the front
Mechanical Purge Technology

Features

• Quick trigger action
• Avoid foam blowback
• Works well in tight spots
• Easy to spray none 1:1 ratios

Shortcomings

• Clogs easy
• High maintenance
Spray Guns – The Present
Air Purge Technology

Mechanics

• Mix chambers & side seals
• High volume air cleaning
• Metal to metal designs
• Many flow & pattern options
• Grease ports
• Longer “swirl” area
Air Purge Technology

Features

• Patter stay clean longer
• Less parts – easy maintenance
• Many more options for pattern control
• No adjustments required

Shortcomings

• High foam blow back
• Slower trigger action
• Still clogs w/ foam after time
Spray Guns – The Future
What’s next? How will it work?

Features & Benefits Required

- Spray all day long with no pattern break down
- Smaller and lighter
- Best foam spray efficiency
- Fluid flow adjustment
- New tip kits options
What’s next? How will it work?

- New platform for future coatings gun and roofing gun
- Tool-less operation – one tool maintenance
- Less overspray and foam blowback
- Easy on/off valves
Thank you for your time!

Questions????????