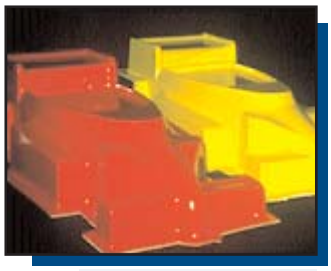
AR-C/D Pour Gun

PLURAL-COMPONENT HIGH PRESSURE POUR GUN

- Designed for pouring applications where low forward velocity and material is desired
- Mechanically self-cleaning
- Air operated, manual or automatic models available
- Durable, ideal for industrial cavity fill and field pouring applications

Automotive

Construction



In-Plant

REGISTERED COMPANY ISO 9001 SGS

GUSMER® CORPORATION

Technical Data

	U.S.	Metric
Maximum Output:	30/60 lbs/min*	14/27 Kg/min*
Minimum Output:	6/8 lbs/min*	3/4 Kg/min*
Max. Operating Pressure:	2000 psi	138 bar
Air Supply:	5 SCFM @ 90-120 psi	2.4 l/sec @ 6-8 bar
Mixing:	Internal Impingement; Airless Atomization Solvent Free, Mechanically Self-Cleaning	
Weight:	6.5 lbs	3 Kg
Dimensions:	H=9.5 in/ W=12.5 in / D=3 in	H=24 cm/ W=32 cm/ D=8 cm

**Data is for AR-C and AR-D guns respectively*

Standard Features

Solvent Free: The Model AR-C/D Gun features a mechanically self-cleaning valving rod assembly that purges all mixed material from the mixing area at the end of each shot, eliminating costly and environmentally harmful, solvent flushing procedures.

Resilient Valving Rod Sleeve: The valving rod has an elastic deformable surface that compresses at the throat to form a gasket like seal between the two components when the gun is off. Its resilient nature leads to extended life and simple field replacement.

Internal Mixing: Internal impingement mixing insures complete homogeneous mixing of both components and eliminates the need for additional mechanical mixing devices.

Two-Position Stop: Provides a “pour” position for dispensing, and a “service” position to prevent inadvertent actuation of the gun.

Multiple Finger Trigger: Minimizes operator fatigue by providing various positioning for the operator’s hand.

Hand-Held: Eliminates the need for elaborate overhead suspension devices used to support the weight of heavy mixing heads.

Quick Connect Coupling Block with Manual Valves: The quick-connect coupling block allows fast, clean removal of the gun from the chemical hoses without any chemical spillage. Just one mounting screw holds the gun to the coupling block–remove the gun in seconds, anywhere. Hose connections can be made at 90° or 10° to best suit your particular application or preference.

Manual Shut-off Valves: Manual valves simplify material shut-off without having to relieve chemical pressure. For simplicity, all service and operations are done right at the gun.

Optional Features

Gun Flush Kit: This lightweight, portable, stainless steel service kit, simplifies servicing of your Model AR-C/D Gun. The service kit pressure flushes the internal chemical ports of the gun cleaning away material prior to servicing or periods of non-use. Available with air pressure regulator and quick-connect coupling block adapter.

Mold Injection Probe: An extension on the pattern control tip permits the tip to penetrate into the mold cavity to assist in obtaining complete and uniform fill.

Automatic Operation: An automatic version of the Model AR-C/D Gun is available for automated operation and timed shots. It is designed to be mounted to a fixture or robot. This particular gun is used for production line, robotic, and conveyor applications.

TX-50 Timer: The Gusmer Model TX-50 Processor has been designed to interface with your AR-C/D Gun to precisely control the shot size during molding and cavity fill applications. The TX-50 is a sophisticated, yet simple to operate, programmable timer, counter, and rate meter designed with the programming flexibility to suit a variety of automatic operations.

Impinger Test Packages: Four (4) impinger test packages are available; two (2) for each gun. The outputs are as follows; AR-C (250), 2-15 lb./min. (.9-6.8 kg/min), 12-20 lb./min. (5.44-9.07 kg/min); AR-D (375), 2-15 lb./min. (.9-6.8 kg./min) 20-60 lb./min. (9.07-27.2 kg.min).

WARNING: The equipment described herein must only be operated or serviced by properly trained individuals, thoroughly familiar with the operating instructions and limitations of the equipment.

NOTICE: All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind expressed or implied. Statements or suggestions concerning possible use of GUSMER Equipment are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures may not be required.

NOTE: All standard and service specifications identified on this GUSMER technical sales flyer are based on U.S. standards.

Part No.: #SLAR-C/D 12/2000

GUSMER® CORPORATION
One Gusmer Drive • PO Box 2055
Lakewood, New Jersey USA 08701-8055
Phone: (732) 370-9000 • Toll Free:1-800-367-4767
Fax: (732) 905-8968 • Email: info@gusmer.com
Visit Our Website At: http://www.gusmer.com