

**The SPG Seal Plug Insertion Gun
from C. Davis Systems & Software
- www.CDavisSystems.com -**



Experience makes the difference



Pictured: CDSS SPG System for TE 114017 (Deutsch size 16) "Large White" Seal Plugs, often used in Automotive Wire Harnesses.

All Current Model CDSS SPG Seal Plug Insertion Gun Systems Feature:

- Automated bowl feeding/orientation of loose parts
- Custom Design and Manufacture for each part: we will build for your unique or proprietary part!
- **Powered Plug Insertion to Correct Depth**
- Integrated Tip Safety to prevent accidental Discharge
- Aluminum Slide Escapement, Machined Aluminum Parts bowl, machined aluminum Inserter Gun with stainless steel Inserter Tip
- Positive Retention Holster to secure SPG Inserter Gun when not in use
- **Greatly increased Operator SPEED & ACCURACY vs. Manual seal plug insertion!**
- **Helps Prevents Operator Fatigue and Repetitive Stress Injuries: Keeps your Workers Productive!**

The SPG Seal Plug Insertion Gun is our entry level product for Semi-Automated Seal Plug Insertion -- In production and undergoing constant product improvement for over 10 years. So durable that many original units are still in active service.

All CDSS products are proudly made in the U.S.A.: Critical parts and mechanisms are machined at our facility in Portland OR, where we also do all design, assembly, testing, and support. Our in house machine shop enables fast turnaround on repairs and service for our customer's vital production equipment.

The SPG System is simple and easy to operate. Technicians can be up and running with just a few minutes of training. CDSS offers support for setup, maintenance, and troubleshooting for at no additional cost.

Technical Data: CDSS SPG Seal Plug Insertion Gun

Overview	Loose/bulk seal plug handling via vibratory bowls, plug insertion via pneumatically powered hand tool: · Increased seal plug insertion for both SPEED and ACCURACY · Improved ergonomics and lower physical demand on Operators.
Dimensions & Form Factor	· Compact Form Factor for Bench Top use: approximately 13" x 10" footprint · Simplified Operator Interface consists of Power Button, and Bowl Speed Control knob on Control Cabinet and Trigger Button on SPG Insertion Gun · "Tip Safety" must be depressed for plug insert cycle: <u>Gun will not "fire" if Tip is not pressed.</u> · Entire system mounded on stout base plate for ease of moving and storage
Electrical Contact	Each SPG Machine is Custom Built around the customer's specified seal Plug part
Cycle Time	~1 seconds per insert for most seal plugs and connectors
Utility Reqs	1 AMP of 110 AC at 60 HZ and 100PSI Clean Dry Compressed Air.
Lead Time	Usually 8-16 weeks. <u>Priority 'Rush Delivery' is sometimes available!</u>

