

WORLD'S FIRST ALL-IN-ONE LSR INJECTION MOLDING MACHINE

WHAT IS APSX-LSR?

Unlike traditional LSR setups that require sourcing components from multiple suppliers, the APSX-LSR delivers a complete all-in-one solution that includes the injection molding machine, curated LSR material selection, and integrated APSX LSR Pump system that includes 2 liter dual (A&B) cartridge in a single package.

WHY USE APSX-LSR?

Integrated APSX LSR Pump System
Dual Cartridge Material System
Faster and Cheaper Material Testing
Compact LSR Processing
Clean Room Compatible Operation
Cost-Effective LSR Production
Rapid Prototyping and Development

OUR CONTACT



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APSX-LSR Injection Machine
Desktop Size



SILICONE PARTS IN ONE DAY

There is another way
*APSX Machines

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APSX-LSR SPECIFICATIONS

KEY FEATURES

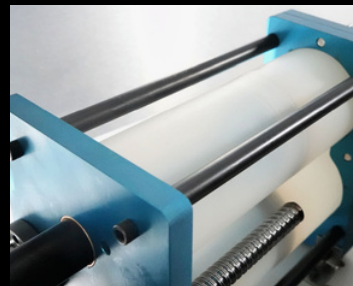
- Ultra-compact design (4 ft by 2 ft footprint)
- Specialized LSR barrel with integrated cooling system and stainless steel construction
- 110V power
- All-electric drive system with no hydraulic fluids for clean room compatibility
- Integrated APSX LSR Pump System with precision two-component dosing and mixing
- Dual Cartridge Material System - Clean, easy-to-replace cartridges eliminate messy LSR handling
- Pre-loaded APSX LSR Material Portfolio (20A, 40A, 70A Shore hardness options)

INSTALLATION?

The start up process is very simple: The machine is already pre-assembled. Open the crate, place the APSX-LSR on a desk or stand, plug and start using.

Content of the crate:

- APSX-LSR Injection Machine
- Tablet PC
- Test mold (installed)
- 2 lt of LSR material
- APSX INJECTION software (installed)



APSX LLC
ADVANCE PRODUCTION SOLUTIONS



AT AVERAGE 1 MINUTE CYCLE TIME

The average cycle time is between 60 secs to 90 secs depending on the material and the part characteristics.

APSX-LSR INTEGRATED PUMP

The APSX-LSR's dual cartridge system enables the fastest material changeover in the industry. Traditional LSR systems require extensive purging, cleaning, and recalibration when switching between materials, often taking hours and wasting significant amounts of material. The APSX system accomplishes material changeover in under 5 minutes through simple cartridge replacement

Changeover Process:

- **Disconnect Current Cartridges:**
- **Install New Cartridges**
- **Purge**
- **Production Ready:** System ready for production with new material in under 5 minutes

APSX SUPPORT CENTER

apsx.com/apsx-lsr-support-center