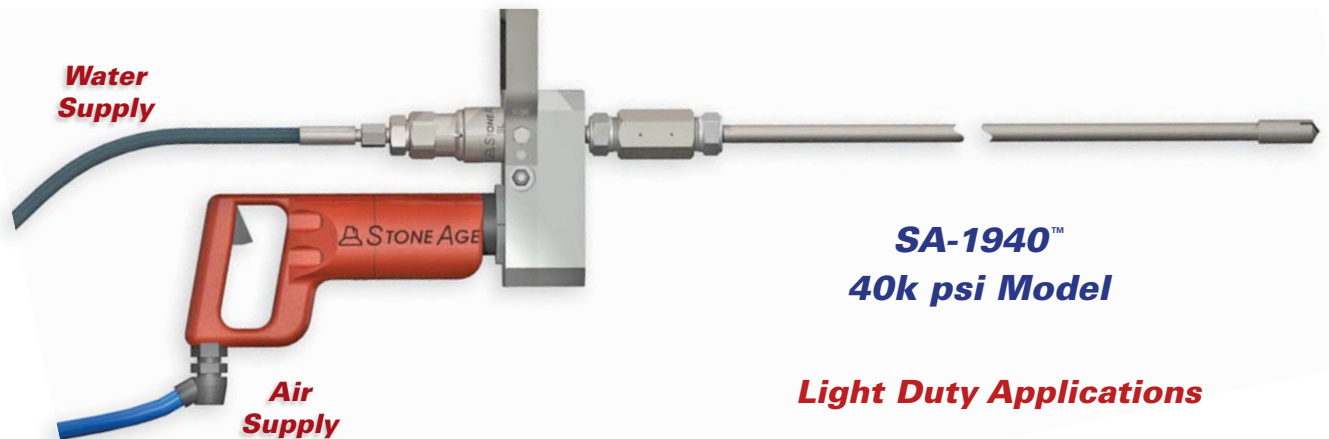


Hand-Held Porta-Lance™ Tools

Portable Air-Powered Rotary Tools for Cleaning Difficult Tubes

Porta-Lance™ tools offer :

- Quick setup for small bundles
- Compact for use in congested areas
- More productive and thorough than non-rotary methods



PORTA-LANCERS

Hand Lancing Specifications

MODEL	SA-1900™	SA-1909™	SA-1940™
Max. Pressure	15k psi 1000 bar	20k psi 1400 bar	43,500 psi 3000 bar
Flow Capacity	20 gpm 76 lpm	20 gpm 76 lpm	10 gpm 38 lpm
Swivel	HI-P6P6	HI-M9M9	SL-H9H9-CL
Max. Rotation Speed	400 rpm	400 rpm	400 rpm
Inlet Port	3/8 npt	9/16 MP	9/16 HP
Weight	12 lb 5.4 kg	13 lb 5.9 kg	13 lb 5.89 kg
Air Supply	60-100 psi	60-100 psi	60-100 psi
	30 CFM	30 CFM	30 CFM
Service Kit	HI 600	HI 600	BC 600-H9-C