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Acrylic Flame Polishing Equipment



Abbeon Cal Inc has a line of flame polishing equipment to reduce the time and cost of polishing acrylic after machining operations.

The Model 3H oxygen / hydrogen torch is used with a variety of special tips to polish edges or through holes in acrylic or similar materials. The hydrogen and oxygen flame will not introduce contaminants into the material and the range of tips will allow you to polish stacked or solid materials up to 6" in width.

The RB (Ribbon Burner) Series tips are offered in lengths of 3/4" (PRRB0), 2" (PRRB22), 4" (PRRB43) and 6" (PRRB62). These tips are nickel plated brass and feature a swivel nut connection for 360 degree orientation on the torch elbow. The PRHPT1(S) Hole Tip is designed for polishing the inside of a hole.



Model PR3HFK Hydrogen/Oxygen Flame Polishing Kit with everything you need to get started. The Kit includes the PR3H torch, PRRB0 and PRRB22 polishing tips, the PR2500350 hydrogen regulator, the PR2500540 oxygen regulator, the PRFA-30P flash back arrestors and the PRCT-12-3AB hose kit. The Model 3H hydrogen and oxygen torch can also be used with a variety of additional tips to polish edges up to 6 in. wide or through holes. The hydrogen and oxygen flame will not introduce contaminants or discoloration into the material being polished. **PR3HFK**

Optional Accessories:



5" & 11" Hole Tips
PRHPT1S & PRHPT1



3" & 6" Ribbon Burner Tips
PRRB32 & PRRB62



Flame Polishing Torch Stand
TS191

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For polishing, soldering, brazing etc. on small parts or fine detailed work, the OX Series Tips have a single orifice that produces a sharp, high temperature flame where quick heat is essential.

PR3HFK	Acrylic Flame Polishing Kit Hydrogen / Oxygen Torch with 3/8-24, "A" size
PR3H	thread hose connections & 8" SS elbow
PRRB0	Tip, Acrylic Flame Polishing, 12 orifices in a row 3/4" long
PRRB22	Tip, Acrylic Flame Polishing, 29 orifices in a 2 rows 2 1/8" long
PRRB43	Tip, Ribbon Burner, 80 orifices in three 4" long rows
PRRB62	Tip, Ribbon Burner, 81 orifices in two 6" long rows
PRHPT1	Tip, Acrylic Flame Hole Polishing, $\varnothing 1/4"$ X 11" (for 3H torch)
PRHPT1S	Tip, Acrylic Flame Hole Polishing, $\varnothing 1/4"$ X 5" (for 3H torch)
PROX00	Tip, single orifice, $\varnothing .020"$
PROX0	Tip, single orifice, $\varnothing .032"$
PROX1	Tip, single orifice, $\varnothing .042"$
PROX2	Tip, single orifice, $\varnothing .055"$
PROX3	Tip, single orifice, $\varnothing .070"$
PROX4	Tip, single orifice, $\varnothing .082"$
PROX5	Tip, single orifice, $\varnothing .100"$
PROX8	Tip, single orifice, $\varnothing .159"$
PR2500540	Oxygen Regulator
PR2500350	Hydrogen Regulator