



COOL TOOLS

Table Top Kilns for Jewelry Artists Firing Capabilities Comparison

	Specialty & Economy Firing			Ceramic Fiber Insulation					Fire Brick Insulation					
	Microwave Kiln	Ultralite Beehive Kiln	Amaco Trinkit Kiln	Paragon SC1	Paragon SC2	Evenheat Kingpin 88	Paragon SC3	Paragon Home Artist	Paragon Firefly*	Evenheat Studio Pro STP	Paragon Caldera*	Paragon E9A Xpress	Paragon Multi Media	Olympic Jewelry Artist
Bisque Firing				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bronze Clay					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
China Painting				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Copper Clay				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Enamel on Copper Sheet		✓	✓	✓	✓	✓	✓	**	✓	✓	✓	✓	✓	✓
Enamel on Silver Clay		✓	✓	✓	✓	✓	✓	**	✓	✓	✓	✓	✓	✓
Fine Silver Clay		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Glass Bead Annealing					✓	✓	✓				✓			
Glass Bracelets					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Glass Cabochons	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Glass Clay	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Glass Plates								✓						
Glass Tiles 4" or smaller				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gold Clay				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Granulation - Silver or Gold		✓	✓											
Heat Treating				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Keum Boo		✓	✓											
Lost Wax Burnout					✓	✓	✓							
Luster Glazes				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Metal Annealing				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Overglaze Enamels				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PMC Pro Silver Alloy Clay				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Porcelain Firing									✓		✓		✓	✓
Stoneware Firing									✓		✓		✓	✓
Maximum Temperature	1650F	1560F	1600F	2000F	2000F	2000F	2000F	2000F	2350F	1800F	2350F	2000F	2250F	2350F
Door Type				front	front	front	front	hinge lid	hinge lid	dual	loose lid	front	front	hinged
Weight (in pounds)	4.5	3	8	15	36	40	41	47	45	32	46	55	70	60
Accessories included	none	none	spatula	shelf	shelf	none	shelf	none	none	furn kit	none	none	none	none
Minimum Budget	\$100	\$200	\$200	\$570	\$570	\$607	\$670	\$888	\$350/\$505	\$570	\$555	\$605	\$749	\$749
Hourly Cost to Operate	\$0.15	\$0.15	\$0.15	\$0.06	\$0.15	\$0.10	\$0.17	\$0.20	\$0.15	\$0.10	\$0.16	\$0.10	\$0.20	\$0.15

*Available with infinity control knob (manual) or digital controller (digital). Minimum Budget listed manual/digital. **The Home Artist is 12 inches deep.



Table Top Kilns for Jewelry Artists Detailed Model Comparison

	Specialty & Economy Firing			Ceramic Fiber Insulation					Fire Brick Insulation					
	Microwave Kiln	Ultralite Beehive Kiln	Amaco Trinkit Kiln	Paragon SC1	Paragon SC2	Evenheat Kingpin 88	Paragon SC3	Paragon Home Artist	Paragon Firefly*	Evenheat Studio Pro STP	Paragon Caldera*	Paragon E9A Xpress	Paragon Multi Media	Olympic Jewelry Artist
Maximum Temperature	1650F	1560F	1600F	2000F	2000F	2000F	2000F	2000F	2350F	1800F	2350F	2000F	2250F	2350F
Control Type	manual	manual	manual	digital	digital	digital	digital	digital	man/dig	digital	man/dig	digital	digital	digital
Door Type				front	front	front	front	hinge lid	hinge lid	dual	loose lid	front	front	hinge body
Interior Width	4.5 in dia	3.5 in dia	5 in dia	6 in	8 in	8 in	7.75 in	12 in dia	7.75 in	8 in	8 in	8.5 in	8.5 in	8 in
Height				3 in	5.75 in	6 in	7.75 in	12 in	4.5 in	4.5 in	6.75 in	4.5 in	6 in	6.5 in
Depth				3.75 in	7.75 in	8 in	8 in	12 in dia	8 in	8 in	8 in	9 in	12 in	8 in
Maximum Shelves				1	2	2	3	4-5	1	1	2	1	2	3
Exterior Width				11 in	13.24 in	13.5 in	13.3 in	16 in	15 in	13 in	13 in	14 in	14 in	13 in
Height				12.25 in	15.5 in	15.75 in	17 in	18.7 in	12 in	9.5 in	11.8 in	16.25 in	17 in	17 in
Depth				10 in	14 in	14.5 in	14 in	23 in	18.5 in	15.5 in	19.5 in	18 in	22.5 in	19 in
Window Option				no	yes	yes	yes	no	yes	yes	yes	no	yes	no
Bead Door Option				no	yes	yes	yes	no	no	no	yes	no	no	no
Window/Bead Option				no	yes	yes	yes	no	no	no	yes	no	no	no
Portable	yes	yes	yes	yes	yes	yes	yes	yes	caution	caution	caution	caution	caution	caution
Element Location		floor	floor	3 sides	3 sides	3 sides	3 sides	body	body	body	body	3 sides	3 sides	body/lid
Wattage		1000	900	600	1680	1440	1800	1800	1680	1440	1800	1100	1800	1800
Voltage		110V	110V	110V	110V	110V	110V	110V	110V	110V	110V	110V	110V	110V
Available for Europe		no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Weight (in pounds)	4.5	3	8	15	36	40	41	47	45	32	46	55	70	60
Accessories Included	none	none	spatula	shelf	shelf	none	shelf	none	none	furn kit	none	none	none	none
Supplies Cost	\$4													
Hourly Cost to Operate	\$0.15	\$0.15	\$0.15	\$0.06	\$0.15	\$0.10	\$0.17	\$0.20	\$0.15	\$0.10	\$0.16	\$0.10	\$0.20	\$0.15
Base Price	\$100	\$200	\$200	\$570	\$570	\$600	\$670	\$888	\$340/\$505	\$570	\$555	\$605	\$749	\$749

Supplies are consumables that are necessary for firing and must be replenished.

Studio Kiln Facts to Help You Make Your Decision

- Brick kilns take longer to heat than fiber kilns, so firing in a brick kiln takes longer
- Brick kilns cool slowly, so they are perfect for glass annealing.
- Brick kilns have exposed heating elements and can be replaced by the user.
- The higher the wattage, the faster the kiln heats up.
- Manual kilns require that the entire firing is closely monitored. Cannot be left unattended.
- Carbon firings (for bronze and copper clays) are more even when surrounded by heating elements on 4 sides.
- Ceramic Fiber kilns heat faster than brick kilns.
- Ceramic Fiber kilns cool more quickly than brick kilns.
- Ceramic Fiber kilns have elements in the muffle which is replaced when elements burn out.
- The larger the interior, the longer it takes to heat.
- Digital kilns allow programs to fire unattended.
- Glass fusing is best done with heat from overhead.
- All heating elements have a lifespan and how long they last depends on use.