

Table Top Kiln Firing Comparison



| | Specialty & Economy Firing | | Ceramic Fiber Insulation | | | | | Fire Brick Insulation | | | |
|------------------------------|----------------------------|-----------------------|--------------------------|----------------|------------------------|----------------|--------------------------|-----------------------|-------------------------------|---------------------|--------------------------|
| | 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 |
| 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 | 1560°F | 1600°F | 2000°F | 2000°F | 2000°F | 2000°F | 2000°F | 2350°F | 1800°F | 2350°F | 2000°F |
| Door Type | lid | lid | front | front | front | front | hinge lid | hinge lid | dual | loose lid | front |
| Weight (in pounds) | 2 | 8 | 15 | 36 | 40 | 41 | 47 | 45 | 32 | 46 | 55 |
| Accessories included | spatula | spatula | shelf | shelf | none | shelf | none | none | furn kit | none | none |

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

Table Top Kilns Comparison by Model



| | Specialty & Economy Firing | | Ceramic Fiber Insulation | | | | | Fire Brick Insulation | | | |
|----------------------|----------------------------|--------------------|--------------------------|-------------|---------------------|-------------|---------------------|-----------------------|-------------------------|------------------|--------------------|
| | 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 |
| Maximum Temperature | 1560°F | 1600°F | 2000°F | 2000°F | 2000°F | 2000°F | 2000°F | 2350°F | 1800°F | 2350°F | 2000°F |
| Control Type | manual | manual | digital | digital | digital | digital | digital | man/dig | digital | man/dig | digital |
| Door Type | | | front | front | front | front | hinge lid | hinge lid | dual | loose lid | front |
| Interior Width | 3.5 in dia | 5 in dia | 6 in | 5.75 in | 6 in | 7.75 in | 12 in dia | 7.75 in | 8 in | 8 in | 8.5 in |
| Height | | | 3 in | 8 in | 8 in | 7.75 in | 12 in | 4.5 in | 4.5 in | 6.75 in | 4.5 in |
| Depth | | | 4 in | 7.75 in | 8 in | 7.75 in | 12 in dia | 8 in | 8 in | 8 in | 9 in |
| Maximum Shelves | | | 1 | 2 | 2 | 3 | 4-5 | 1 | 1 | 2 | 1 |
| Exterior Width | | | 11 in | 13.24 in | 13.5 in | 13.3 in | 16 in | 15 in | 13 in | 13 in | 14 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 |
| Depth | | | 10 in | 14 in | 14.5 in | 14 in | 23 in | 18.5 in | 15.5 in | 19.5 in | 18 in |
| Window Option | | | no | yes | yes | yes | no | yes | yes | yes | no |
| Bead Door Option | | | no | yes | yes | yes | no | no | no | yes | no |
| Window/Bead Option | | | no | yes | yes | yes | no | no | no | yes | no |
| Portable | yes | yes | yes | yes | yes | yes | yes | caution | caution | caution | caution |
| Element Location | floor | floor | 3 sides | 3 sides | 3 sides | 3 sides | 4 sides | 4 sides | 4 sides | 4 sides | 3 sides |
| Wattage | 250 | 900 | 600 | 1680 | 1440 | 1800 | 1800 | 1680 | 1440 | 1800 | 1100 |
| Voltage | 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 |
| Weight (in pounds) | 3 | 8 | 15 | 36 | 40 | 41 | 47 | 45 | 32 | 46 | 55 |
| Accessories Included | none | spatula | shelf | shelf | none | shelf | none | none | furn kit | none | none |

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.
- All heating elements have a lifespan and how long they last depends on use.