

The P.D.Q. Digital burnout furnaces are fully automatic, designed for single stage use and have a memory for one complete program. They are available in two sizes: medium and large. Both feature a large display and Time-Line Graph which show current burnout conditions and program progress from start to finish.



*STANDARD FEATURES ON JELRUS BURNOUT FURNACES*

1. Universal multifunction design provides versatility for use with all types of investments, refractory materials and techniques.
2. Set it, forget it... fully automatic and easy to use.
3. Modular radiant heating plates: Infinity M30 and P.D.Q. digital medium each have 2 radiant heating plates. Infinity L30 and P.D.Q. digital large each have 4 radiant heating plates.
4. Thermal convective even heat distribution.
5. Precision thermocouple with temperature feedback system.
6. Hardened ceramic frame protects heating chamber insulation
7. Selectable individual heat rate control.
8. Built-in temperature calibration system.
9. LED Time-Line-Graph shows burnout program progress.
10. Programmable in both degree F and degree C.
11. Large easy to read LED display.
12. Excellent for all pressable ceramic investments and techniques.
13. Program parameters can be changed while program is running.
14. Automatically resumes program in case of power failure.
15. Heavy duty stainless steel construction for extended life.
16. Top vented for superior burnout results.
17. Fused Quartz Aluminum Oxide high efficiency insulation.
18. Cool-Touch ergonomic counter balanced stainless steel door.

INFINITY



The INFINITY M30 and INFINITY L30 multi-stage burnout furnaces come in medium and large sizes and will really perform for you. They can do just about everything and are designed for maximum versatility, can be used for a 1, 2, 3 or 4-stage burnout procedure and have a memory for 1 - 30 "open" easy to use programs. The M30 and L30 can heat up, cool down and have a "Ready-Set-Go" Smart Overnight Timer.



*P.D.Q. Digital*



P.D.Q. Large



P.D.Q. Medium



Infinity L30



Infinity M30



## SPECIFICATIONS

INFINITY
Temperature: 150°F(66°C) to 2012°F(1100°C) Heat Rates: 0 to 30°F/min.(16°C/min.) "Open" Programs: 30 Stage Capabilities: 1, 2, 3, or 4 Hold Time: 0 - 4 hours Ready-Set-Go Overnight Timer: up to 99 hr.

P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital</i>
Temperature Range: 150°F(66°C) to 2012°F(1100°C)
Heat Rates: 1 to 30°F/min. (16°C/min.)

### Inside Heating Chamber Dimensions

INFINITY M30	INFINITY L30	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital medium</i>	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital large</i>
5 1/2"W x 5 1/4"D x 5 1/8"H (14.0cm W x 13.3cm D x 13.0cm H)	9 1/8"W x 5 1/4"D x 5 1/8"H (23.2cm W x 13.3cm D x 13.0cm H)	5 1/2"W x 5 1/4"D x 5 1/8"H (14.0cm W x 13.3cm D x 13.0cm H)	9 1/8"W x 5 1/4"D x 5 1/8"H (23.2cm W x 13.3cm D x 13.0cm H)

### Overall Heating Chamber Dimensions

INFINITY M30	INFINITY L30	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital medium</i>	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital large</i>
10 3/4"W x 13 5/8"D x 18 3/4"H (27.3cm W x 34.6cm D x 47.6cm H)	14 1/2"W x 14 1/8"D x 18 3/4"H (36.8cm W x 35.9cm D x 47.6cm H)	10 3/4"W x 13 5/8"D x 18 3/4"H (27.3cm W x 34.6cm D x 47.6cm H)	14 1/2"W x 14 1/8"D x 18 3/4"H (36.8cm W x 35.9cm D x 47.6cm H)

### Ring Capacity

INFINITY M30	INFINITY L30	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital medium</i>	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital large</i>
holds up to 8 - 1 3/4" rings or 2 - 3" rings	holds up to 15 - 1 3/4" rings or 5 - 1 3/4" rings and 3 - 3" rings	holds up to 8 - 1 3/4" rings or 2 - 3" rings	holds up to 15 - 1 3/4" rings or 5 - 1 3/4" rings and 3 - 3" rings

### Part Numbers

VOLTAGES	INFINITY M30	INFINITY L30	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital medium</i>	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital large</i>
115V	P/N 15441	P/N 15641	P/N 33500	P/N 33510
220/230V	P/N 15253	P/N 15653	P/N 33520	P/N 33530

### Shipping Weight

INFINITY M30	INFINITY L30	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital medium</i>	P <small>RETTY</small> D <small>ARN</small> Q <small>UICK</small> <i>Digital large</i>
30 lbs. (14kg.)	40 lbs. (18kg.)	30 lbs. (14kg.)	40 lbs. (18kg.)

Performance-On-Demand... **JELRUS FURNACES**



**Hot Ideas...**