



# Wax (Paraffin) Melting Ovens



Product Codes ..

WAX/30/TDIG/SS, WAX/40/TDIG/SS, WAX/50/TDIG/SS, WAX/75/TDIG/SS, WAX/100/TDIG/SS

## Temperature Specifications

|                    |                        |
|--------------------|------------------------|
| Working Range      | (Ambient +5)°C to 80°C |
| Accuracy           | < 0.8°C                |
| Resolution         | 0.1°C                  |
| Temperature Sensor | Duplex Pt100B 2+2 wire |
| Display            | °C or °F               |

| Model           | Stability@60°C (°/-°C) | Uniformity @60°C (°/-°C) | Heat Up Time* (Mins) | Recovery Time** (Mins) |
|-----------------|------------------------|--------------------------|----------------------|------------------------|
| WAX/30/TDIG/SS  | 0.4                    | 1.5                      | 20                   | 5                      |
| WAX/40/TDIG/SS  | 0.4                    | 2.0                      | 21                   | 5                      |
| WAX/50/TDIG/SS  | 0.4                    | 2.0                      | 20                   | 4                      |
| WAX/75/TDIG/SS  | 0.4                    | 2.0                      | 22                   | 4                      |
| WAX/100/TDIG/SS | 0.4                    | 2.0                      | 20                   | 5                      |

\* Heat Up Time

\*\* Recovery Time

Ambient to 60°C

Door opened for 30 seconds @ 60°C

## Controller Specifications

|                                |                                                |
|--------------------------------|------------------------------------------------|
| Colour Touch Screen            | 3.2in                                          |
| Control                        | PID with fuzzy logic                           |
| Independent Overheat Shut Down | Manual or Automatic Reset                      |
| Onscreen Historical Trending   | Up to 48 Hours                                 |
| On power failure               | Selectable Standby Mode or Continuous Run Mode |
| Calibration                    | Linear Offset or Zero / Span                   |
| Language selectable            | English/German/Spanish/French/Portuguese       |
| Diagnostics                    | On screen fault analysis                       |
| Energy Meter                   | Integral kWh meter                             |

## Environmental Specifications

|                           |                                                                       |
|---------------------------|-----------------------------------------------------------------------|
| Working Operational Range | 5°C to 40°C                                                           |
| Working Humidity          | Max 70% RH, non-condensing                                            |
| Sound Level               | < 48dB (A)                                                            |
| Environment               | Indoor Use Only                                                       |
| Altitude                  | Up to 2000m                                                           |
| IP Rating                 | IP20                                                                  |
| Clearance                 | Minimum 5cm all sides and rear<br>Minimum 10 cm above for ventilation |

## Electrical Specifications

Voltage  
Electrical Connection

230Vac +/-10% 50/60Hz  
3 Pin Fused IEC plug

| Model Code      | Wattage<br>W | Max Current<br>Amps | Max Temp °C |             |
|-----------------|--------------|---------------------|-------------|-------------|
|                 |              |                     | @ 20% power | @ 30% Power |
| WAX/30/TDIG/SS  | 300          | 1.5                 | 95          | 120         |
| WAX/40/TDIG/SS  | 300          | 1.5                 | 90          | 110         |
| WAX/50/TDIG/SS  | 400          | 2.0                 | 95          | 120         |
| WAX/75/TDIG/SS  | 400          | 2.0                 | 85          | 105         |
| WAX/100/TDIG/SS | 600          | 2.5                 | 100         | 125         |

## Internal Design

| Model Code      | No. of Shelves |     | Shelf Size<br>mm | Shelf Rating<br>Kg | Max Oven Load<br>Kg | Additional<br>Shelf Code |
|-----------------|----------------|-----|------------------|--------------------|---------------------|--------------------------|
|                 | Standard       | Max |                  |                    |                     |                          |
| WAX/30/TDIG/SS  | 2              | 2   | 356 x 318        | 20                 | 40                  | A2407                    |
| WAX/40/TDIG/SS  | 2              | 3   | 356 x 318        | 20                 | 40                  | A2407                    |
| WAX/50/TDIG/SS  | 2              | 3   | 483 x 292        | 25                 | 60                  | A2408                    |
| WAX/75/TDIG/SS  | 2              | 3   | 483 x 406        | 25                 | 60                  | A2410                    |
| WAX/100/TDIG/SS | 3              | 4   | 483 x 406        | 25                 | 60                  | A2410                    |

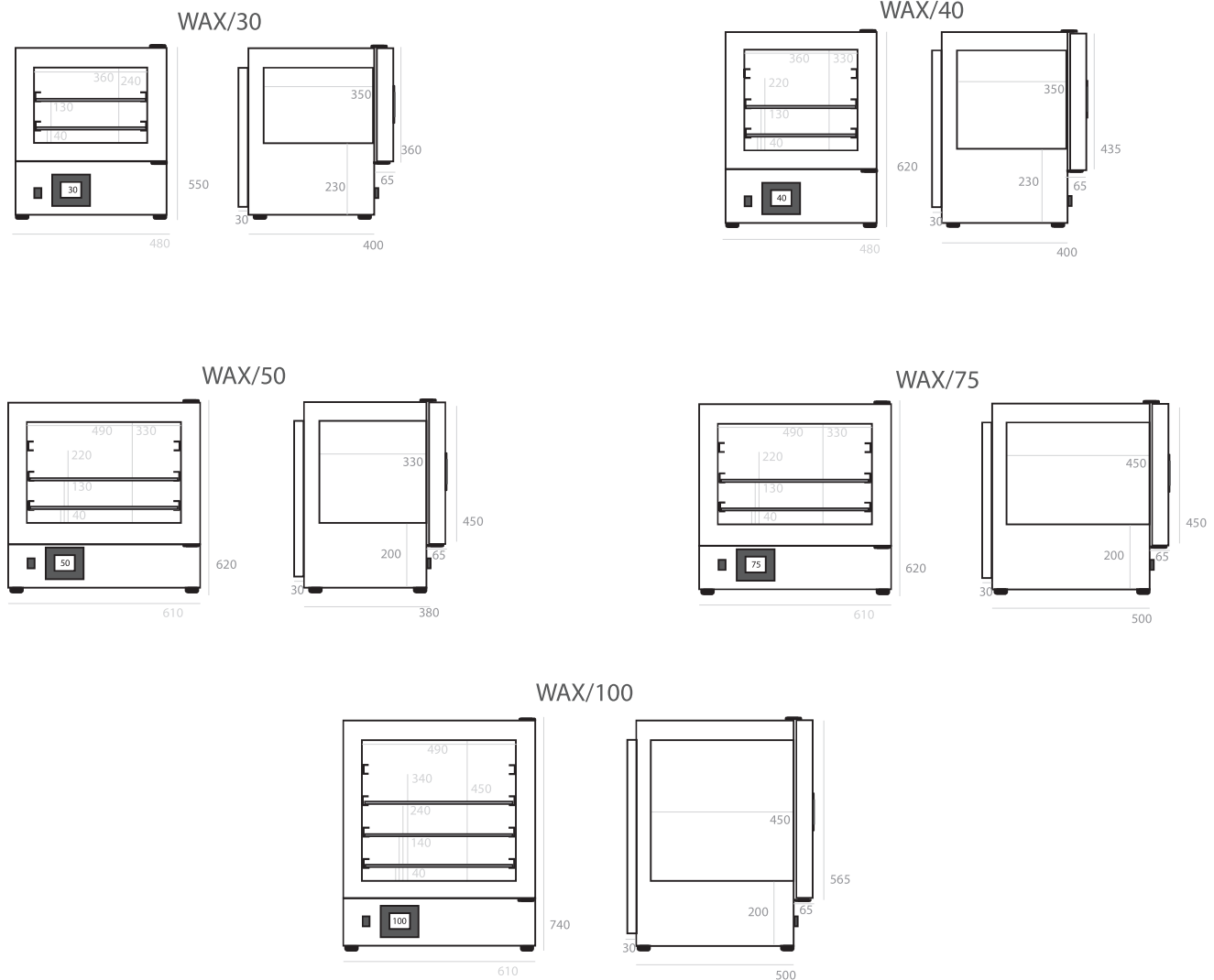
## Build Construction

External  
Colour  
Internal  
Door Gasket

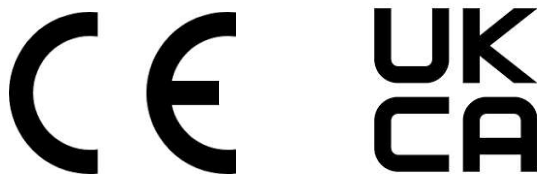
Powder Coated Zintec  
RAL 7035  
Zinc-Plated Steel or 304 Stainless Steel  
High Consistency Silicone Rubber - PR 780 / 60, Max temp 320 °C

\*All technical data is specified when tested at an ambient of 20°C

## Dimensions -



## Certification



HS Commodity Code  
Low Voltage Directive  
EMC Directive  
Machinery Directive  
RoHS Directive  
Approval Standards

85141100000  
2014/35/EU  
2014/30/EU  
EU Machinery Regulation (EU) 2023/1230  
2023/1437EU  
EN 61010-1:2010/A1:2019  
BS EN IEC 61000-6-1:2019  
BS EN IEC 61000-3 2020  
BS EN IEC 61000-6-4:2019  
BS EN 60204-1:2018+A1:2025  
BS-EN7671  
BS-EN61439-2  
BS-EN13849