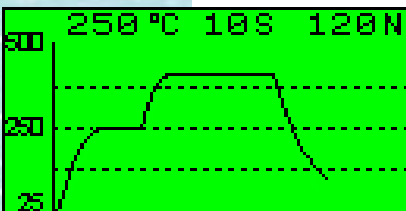
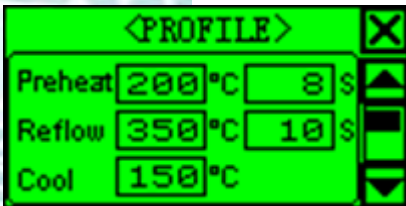


# Pulsed Heat HBR/HSC/ACF Bonding System

## PBS213/203

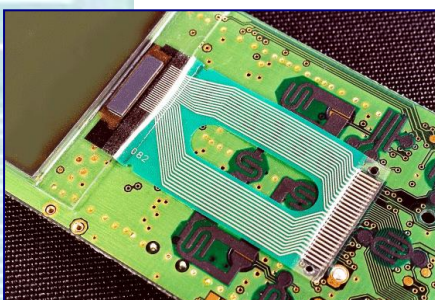
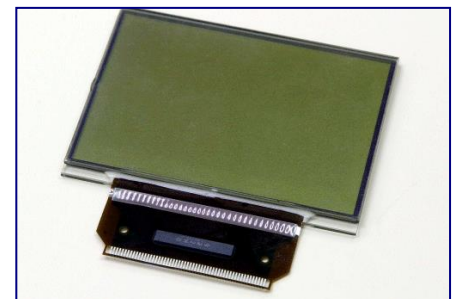


### Features:

- ◆ Realtime temperature and force profile display on the LCD touch screen.
- ◆ Titanium alloy thermode ensure uniform temperature distribution, fast heating and longest service life.
- ◆ Password protection for process and system parameters.
- ◆ Level mechanism for components co-planarity adjustment.
- ◆ English / Simplify Chinese / Traditional Chinese user interface display.

### Options:

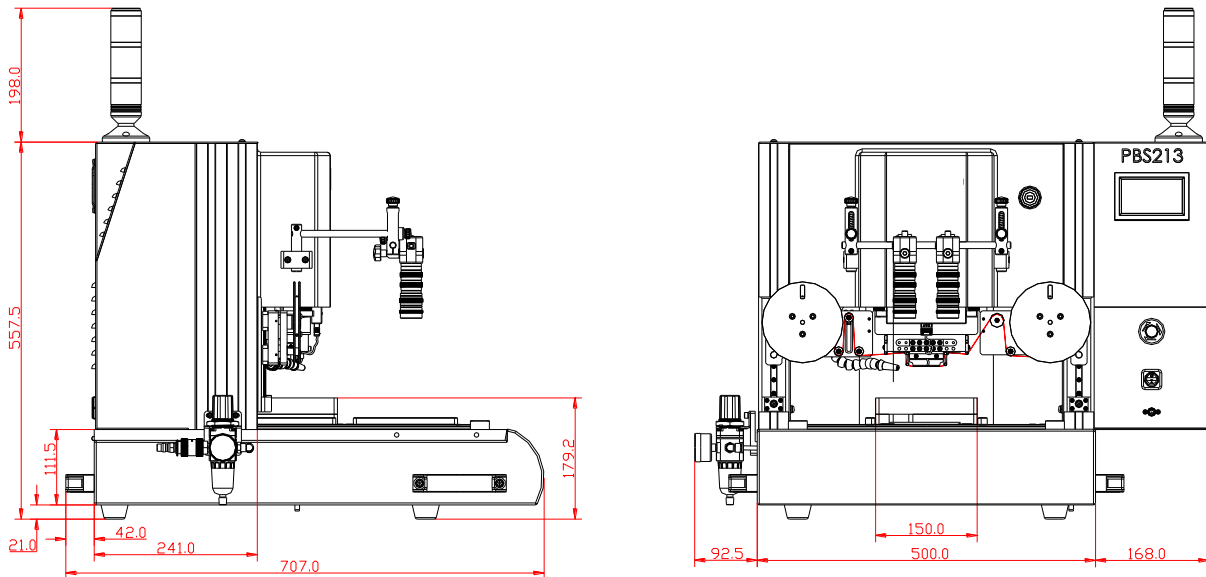
- ◆ Tape Feeding System (TFS1) for holding silicon or Polyimid (Kapton) tape.
- ◆ Colour (CC19) alignment module for TAB/flex to PCB/LCD.
- ◆ Thermal Profiling Unit (TPU1); additional thermocouples for temperature profile monitoring.



# PBS213 / 203 Technical Specifications

<b>SYSTEM SPECIFICATIONS</b>	
Dimensions	630 mm x 520 mm x 500 mm
Weight (without fixtures)	60 Kg
Power consumption	220V / 50Hz or 110V / 60Hz, 2KVA (Factory preset)
Air supply	4 to 6 Kg/cm <sup>2</sup>
Maximum fixture height	48 mm
Fixture assembly baseplate	150 mm x 150 mm ( 2 sets)
Starting operation method	Two hand control
Turntable actuation	Pneumatic (PBS213); Manual (PBS203)
Vacuum for components holding	2 sets; built-in
Password	6 digits (2-level)
<b>THERMODE SPECIFICATIONS</b>	
Force range	20 N to 500 N
Force accuracy	± 2 N
Actuation type	Pneumatic
Thermode stroke	50 mm maximum
Thermode length	100 mm maximum
<b>PULSED HEAT CONTROL SPECIFICATIONS</b>	
Heating method	Pulsed heating, high speed PID control
Temperature range preheat	50 to 500 °C (1 degree increment)
Temperature range heat	50 to 500 °C (1 degree increment)
Time period preheat	1 to 60 seconds (1 second increment)
Time period heat	1 to 60 seconds (1 second increment)
Temperature accuracy	± 2 °C
Programmable heat profile	3 programs, non-volatile
Thermocouple	K type
Communication port	RS-232C

\*Specifications subject to change without notice.



\* Picture above shown the PBS213 with Optional CCD alignment module and Tape Feeding System.

