**Detailed Specification**

1. **Spray head type**: all the available options

* Dispenser (with necessary accessories)
* Syringe Pump (with necessary accessories)
* Single Spray Head (with necessary accessories)

1. All pipings though which spray liquid flows must be made of “**Silicone**”
2. **Dispensing Unit capacity**:

* 50 ml
* 250 ml

1. **Dispensing Rate**: 1 to 10 ml/min.
2. Speed of the spray head :

In X axis : 10 -800 mm/sec.

In Y axis: 1 – 12 mm/sec.

1. **Travel distance of spray head in both X-Y axis must be upto 350 mm.**
2. Hot Plate area : **350 mm X 350 mm**
3. Hot plate max temperature: **550 degree Celsius**
4. Tolerance of non-uniformity of the temperature on the hot plate must be less than **+/-10 degree Celsius at 500 degree Celsius** temperature of the hot plate. (This is very important parameter)
5. **Power input:** 230 V, 50 Hz
6. **Spray control software along with compatible Laptop configuration to run the system.**
7. **Additional Assessories:**

* Spray Head (1 No.)
* Silicone Piping (5 set)
* Liquid Container 50 ml (5 No.)