

EQUIPMENT OVERVIEW



Figure 1 CTF1000 Tip Former

CTF1000 has an integrated design structure. It consists of an RF generator, semi-automatic sample holding platform, tip forming mold, and high precision pressure regulator. The tip forming process involves mold heating, sample feeding, tip formation, stabilizing and cooling, and sample removal. Sample feeding is driven by pneumatic actuation. All actions are controlled by a PLC. The machine is simple, fast, and easy to use.

FEATURES

- RF heating, very fast
- Reliable and consistent
- Long service life for mold
- Low reject rate
- Low cost
- Small footprint

PARAMETERS

Parameters	CTF operating deck
Dimension	L 60cm x W 50cm x H 50cm
Net Weight	20 KG
Shipping weight	30 KG
Sample feeding	Single direction
Feeding force	40.2N/0.2MPa
Holding force	90N/0.5MPa
Heating source	RF generator
RF Power	0-300W
RF frequency	13.56 MHz
User interface	7" Touch screen
Number of recipes	1000 Saved in HMI
Input Power	220 VAC, Single phase

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