



Industrial Microwave Equipment introduction(3)

Microwave thawing

Frozen whole microwave thawing is to heat up the temperature by freezing temperature (-19 ~ -22 C or less) rose to near freezing temperature (about 0 ~ -4 C). Microwave thawing frozen material overall device has warmed, warmed the temperature gradient is small, that is a good temperature uniformity and need a short time, and the rate of temperature rise is easy to control and so on. These features make the Frozen thawed achieve better state.

1. Frozen overall heating energy back to temperature, reducing the temperature between Frozen thawed layer inhomogeneity, there is no recrystallization phenomenon Frozen appear as a conventional method to thaw;
- 2, the thawing process time is short, easy to breed bacteria and other microorganisms to grow.
- 3, microwave heating without thermal inertia. Frozen material by microwave heating rate controlled output power, or microwave energy supply rate, with a mutual synchronization.
- 4, the final temperature of the microwave thawing generally choose -2—4 C is appropriate, at this time no dripping Frozen, but also with a knife cutting.