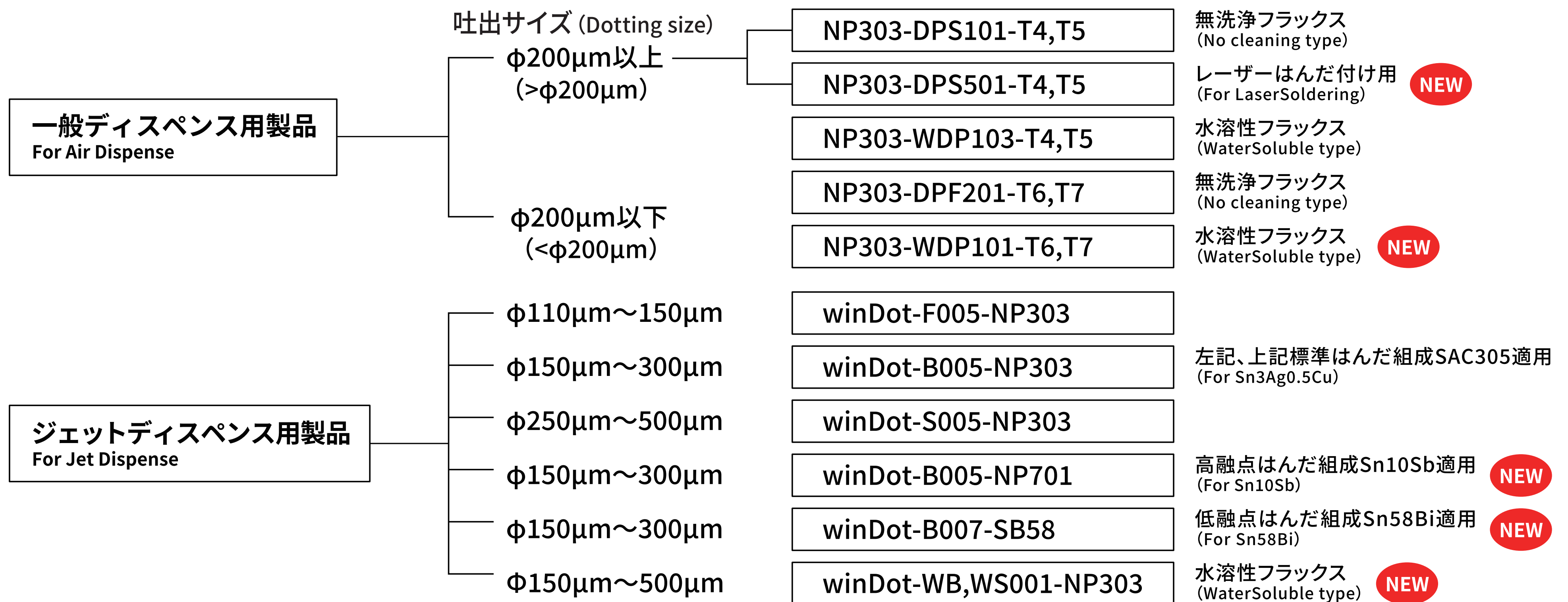


3D構造組立へ! 微細ディスペンス用はんだペースト!

For 3D structural assembly! Solder paste for micro-dispensing!

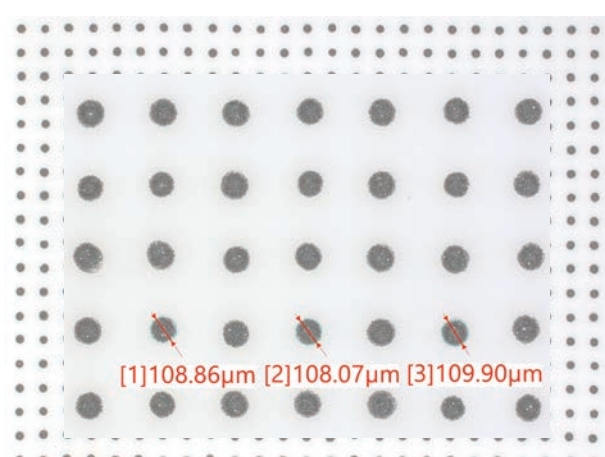
ディスペンス用製品ラインナップ Product line-up for dispensing



winDot-F,B,S005-NP303

(ジェットディスペンス用)
(for Jet Dispensing)

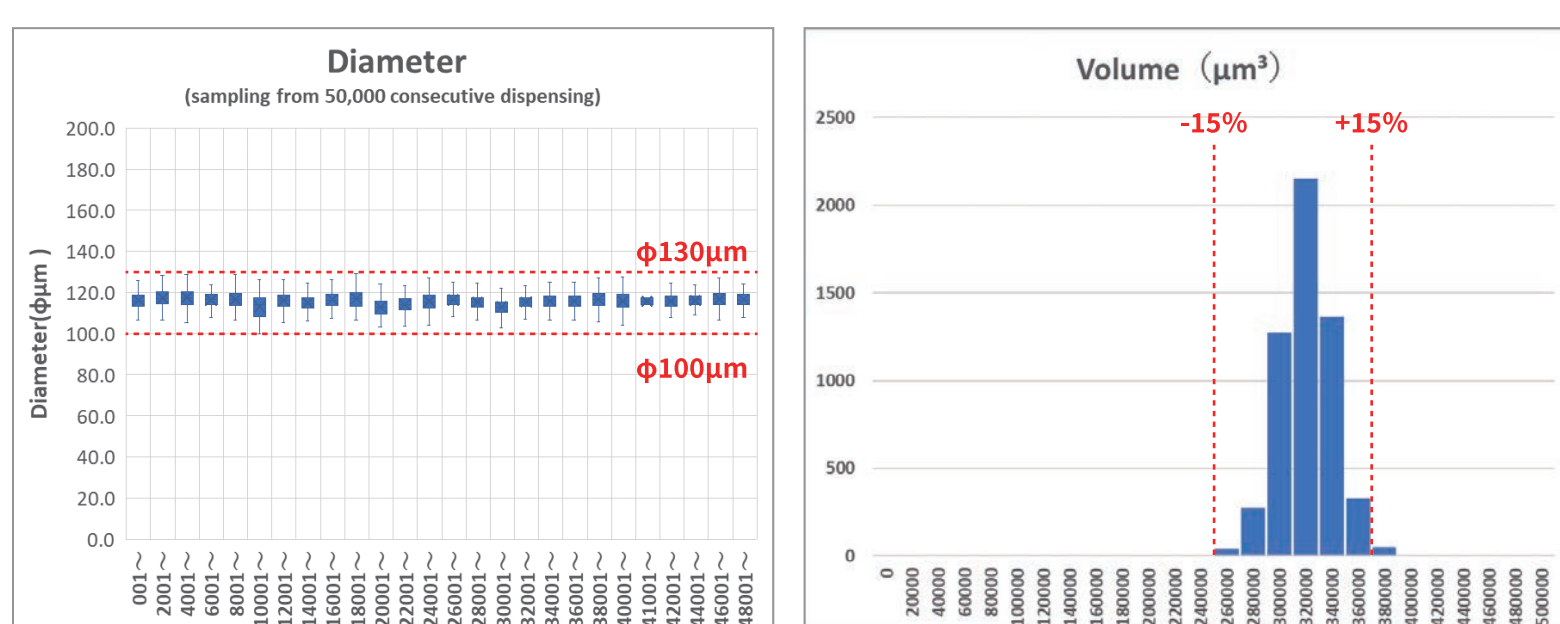
Jet Dispense用はんだが、装置の進化により、吐出性能がさらに向上
The evolution of the equipment enhances the dispensing performance.



100μmクラスの
微細吐出が可能に
Fine dispensing at the 100 μm level

Type7ペーストでφ110μmの
安定吐出を実現
Capable of dispensing φ110μm by Type7 paste

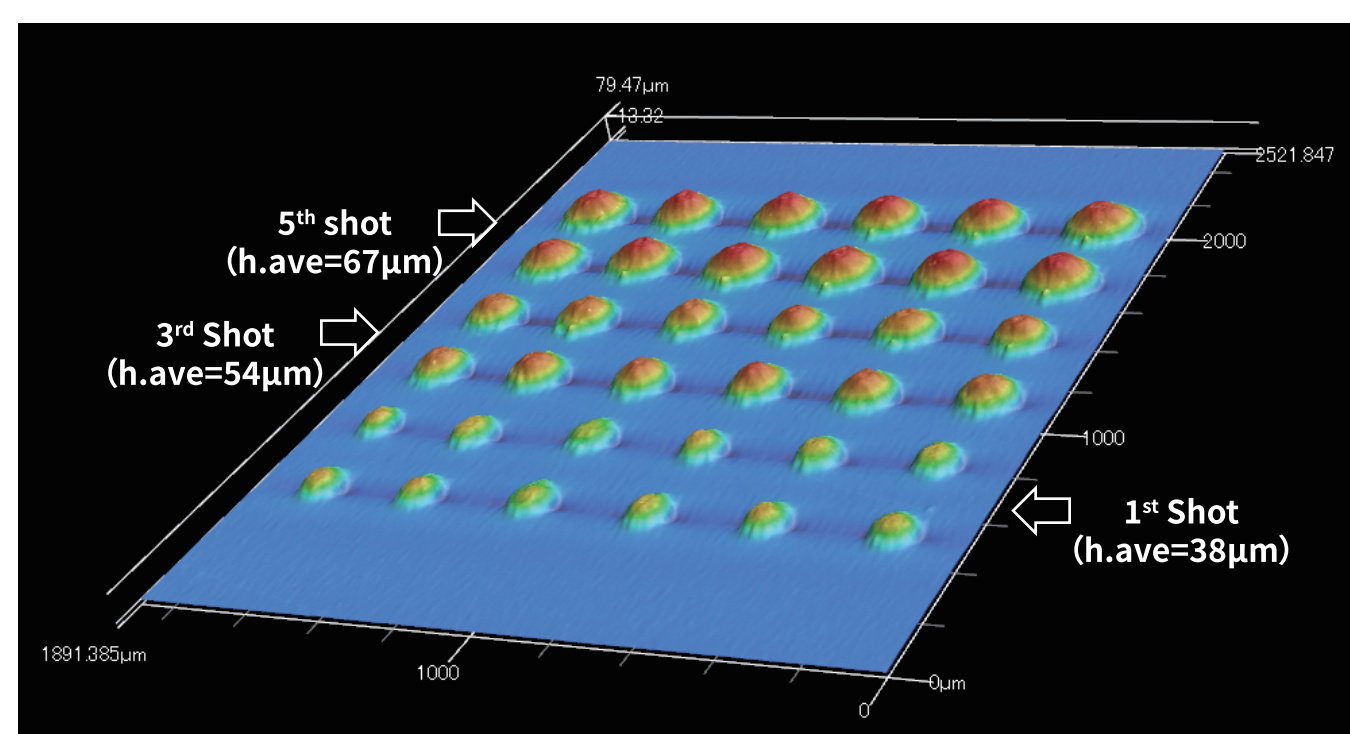
連続吐出での安定はんだ供給(吐出径、はんだ量)、
100万ショット連続吐出が可能
Stable solder supply during continuous dispensing (dispensing diameter, solder volume), capable of one million consecutive shot



5万点連続吐出における吐出径、吐出量
Dispensing diameter and volume during 50,000 consecutive shotts

安定吐出形状、厚みUP調節が可能
Stable dispensing shape, adjustable for increased thickness

複数回の重ね打ちによる厚み測定 (φ110μmねらい吐出条件適用)
Height measurent via multiple dispensing (applying dispensing condition of φ110μm target)



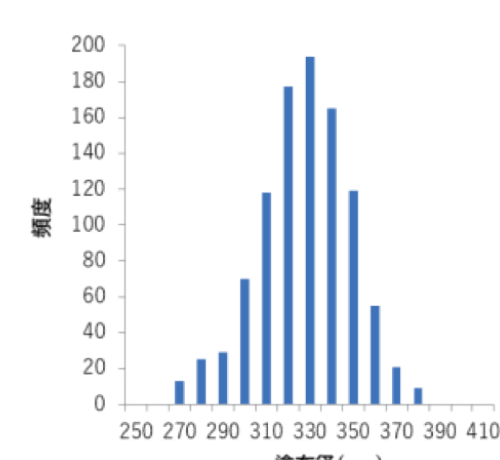
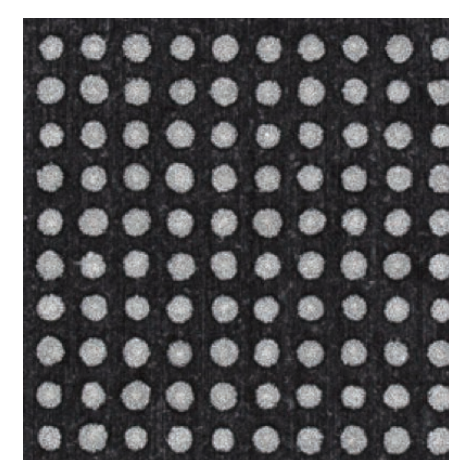
NP303-DPS501-T4

(一般ディスペンス用: レーザーはんだ付け対応)
(For air dispense:applicable to laser soldering)

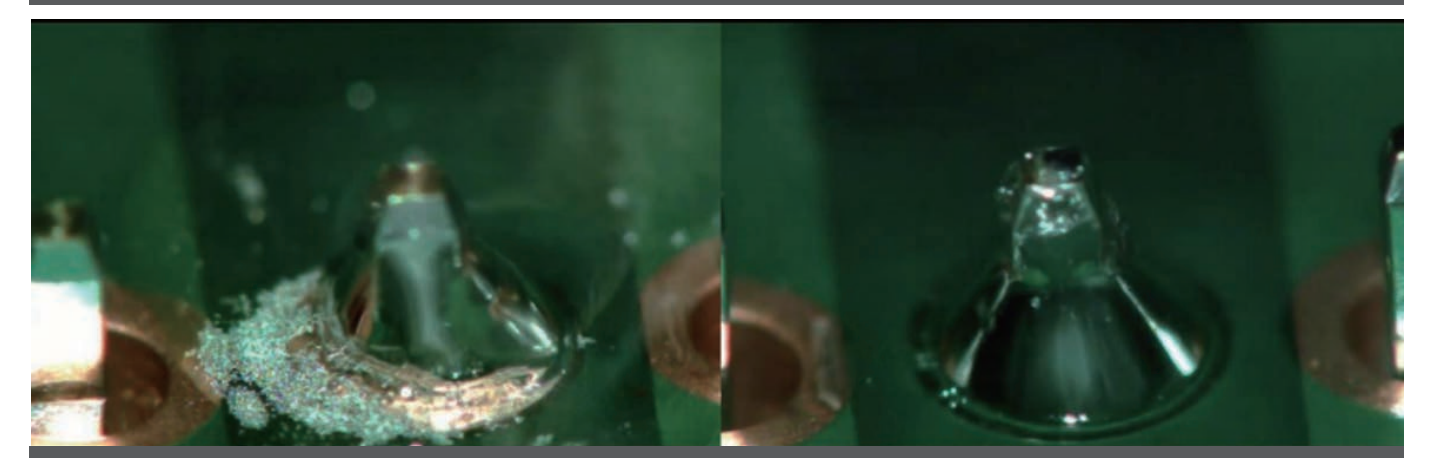
スルーホールリフローに対応
For through-hole-reflow process

ディスペンス時の充填性とレーザーはんだ付け時の凝集性が良好
Stable fillability to the hole at dispensing and excellent solderability at laser Soldering.

レーザー急加熱時のこぼれボール抑制で優れた凝集性
Excellent solderability with reduced solder ball outflow during rapid laser heating

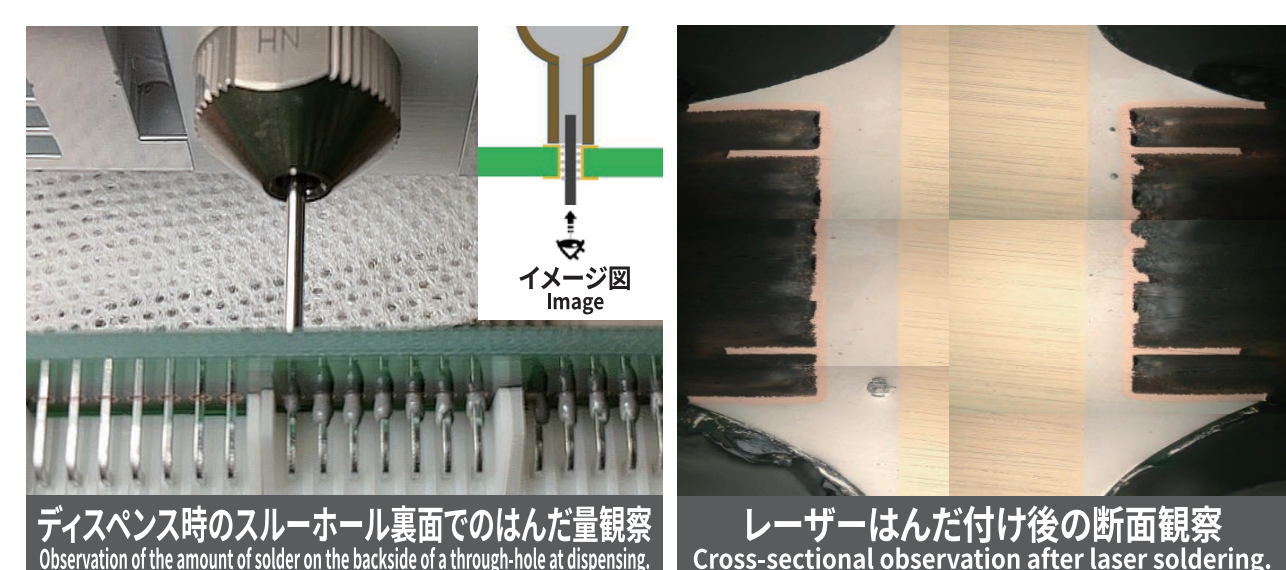


従来製品 (Conventional product) NP303-DPS501-T4



従来製品 (Conventional product) NP303-DPS501-T4

ディスペンス時のスルーホールへの安定かつ十分なはんだペーストの充填性
Stable and sufficient filling of through-holes with solder paste at dispensing



ディスペンス時のスルーホール裏面でのはんだ量観察
Observation of the amount of solder on the backside of a through-hole at dispensing.

レーザーはんだ付け後の断面観察
Cross-sectional observation after laser soldering.

スルーホール裏面のはんだ充填量比較

Comparison of the amount of solder on the backside of a through-hole at dispensing.



従来品: 充填量が不十分、不安定
Conventional products: insufficient filling, unstable.

NP303-DPS501-T4: 充填量が十分、安定
NP303-DPS501-T4: Sufficiently filled, stable.

