

## All Plastic Disposable Syringes

### Differences in specifications between previous and new

○ Previous product(HSW HENKE-JECT®)

| Manufacture P/N | Volume     | Quantity | Specification                     |              |
|-----------------|------------|----------|-----------------------------------|--------------|
| 4830003000      | 30mL       | 50pcs/pk | Luer lock (middle mouth), sterile | Discontinued |
| 4850003000      | 50mL(60mL) | 30pcs/pk | Luer lock (middle mouth), sterile | Discontinued |

○ Osaka Chemical's product (LABCAT syringe)

○ For research and analysis (Not for Medical use)

| P/N               | Volume     | Quantity         | Specification                            |
|-------------------|------------|------------------|--|
| <b>LC4830S-LL</b> | 30mL       | <b>40</b> pcs/pk | Lure lock ( <b>side mouth</b> ), sterile |
| <b>LC4850S-LL</b> | 50mL(60mL) | <b>25</b> pcs/pk | Lure lock ( <b>side mouth</b> ), sterile |

#### OSpecification Change Points

##### ①Printing changes

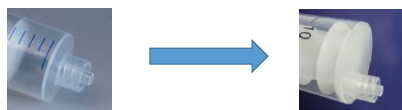
Blue to black, addition of "DISCARD AFTER USE" wording, printing of "LABCAT" logo

**The scale is in 2mL increments.(Both 30 & 50mL)**

##### ②Thread cutout

The previous product had a medium mouth design, but the new product has **a side mouth design**.

This reduces dead volume and makes air venting easier.



##### ③Size

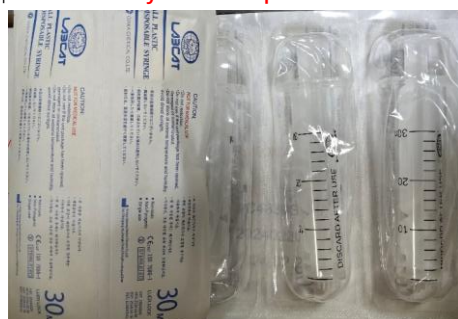
| Previous Products | Length (when plunger is fully inserted) | Outer  | Inner  |
|-------------------|---|--------|--------|
| 30mL              | 132.0mm                                 | 24.6mm | 22.6mm |
| 50mL              | 150.0mm                                 | 31.0mm | 29.0mm |

| New Products | Length (when plunger is fully inserted) | Outer          | Inner          |
|--------------|---|----------------|----------------|
| 30mL         | 140.96 ± 0.5mm                          | 23.8 ± 0.1mm   | 22.03 ± 0.06mm |
| 50mL         | 145.2 ± 0.5mm                           | 30.95 ± 0.15mm | 29.23 ± 0.06mm |

##### ④Sell only sterile products

The previous product was sold in two types: pre-sterilized and in bulk.

The new product will **only be sold in pre-sterilized blister packs**.



##### ⑤Quantity

The quantity of previous products and new products are different.

|      | Previous | New          |
|------|----------|--------------|
| 30mL | 50pcs    | <b>40pcs</b> |
| 50mL | 30pcs    | <b>25pcs</b> |

##### ⑥About Lubricants

It is silicone-free. The previous product used erucamide (erucic acid amide) or oleic acid, but the new product uses **only erucamide (erucic acid amide)**.