ULTRASAMPLER®
Manual lifting device for sample bottle
type 6871-3-30 / type 6871-4-30

The manual lifting devices for sample bottles type 6871-3-30 resp. type 6871-4-30 is an inexpensive device for bottle positioning in the milk sample filling on the collecting vehicle. It will be used in conjunction with the sampling system ULTRASAMPLER® and is particularly suitable there, where incurred only a few samples during the collecting tour. The supply of the empty sample bottles and their transport in the filling position as well as the storage of the filled sample bottles, will be done by hand. With the help of an operating lever, the manual sample bottle lifting device lifts the samples bottles up. The manual sample bottle lifting device is screwed onto the sampler and is mounted under the peristaltic pump. In the filling position, the injection needle of the sampler pierces the sealing plug of the sample bottle. The proximity switch, integrated in the lifting device, detects the filling position and allows control of the milk intake process.

Manual lifting device for sample bottle
- Inexpensive device for bottle positioning during milk sample filling
- Low installation volume and easy installation
- Can be integrated into automatic sequence routine by signal feedback via proximity switch

Inductive proximity switch
The inductive proximity switch can be provide as a hardware lock of the collecting pump. In the activated state (filling position), it switches on a relay, which releases the electrical control of the collecting tank pump

Executions
Accordingly of the sampler executions for flow direction from right and from left, there are also manual lifting devices of the types:
- 6871-3-30 for flow direction from right
- 6871-4-30 for flow direction from left
**Technical Data**

**Electrical data**
- Operating voltage: 24 V DC

**Ambient conditions**
- Operating temperature: -10 °C ... +50 °C
- Store temperature: -10 °C ... +70 °C
- Protective system: IP 68

**Mechanical data**
- Construction: Fixed and mobile parts made of stainless steel, sliding disks made of Teflon; inductive proximity switch is screwed in and tightened
- Weight: ca. 7 N = 0,7 kg
- Usable sample bottles: 50 ml Sample bottles with triple slotted sealing plug

**Dimensions**

**Order details**

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<th>Order number</th>
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<td>Flow from the right</td>
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**Attachments**

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