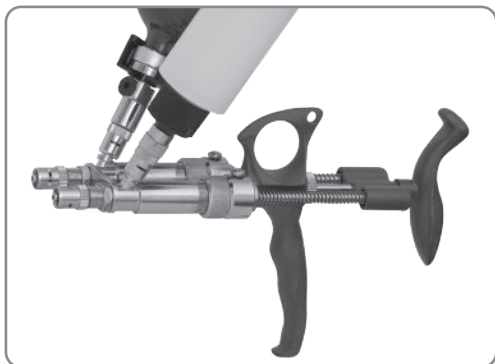


## Automatic Veterinary Syringes

# 2.0 cc ThaMa 253

## Fix Dosage

With 3 different pistons 0.5cc, 1.0cc, 2.0cc  
With vial holder



### Operating Instructions:

This Automatic Syringe ThaMa 253 is a precise, reliable and accurate All-Metal-Fixed-Dosage instrument, designed for mass treatment of swine and livestock. All the components are made of the finest material, oil proof, non-corrosive; The piston slides smoothly along the metal cylinder.

It is supplied with 3 pistons of various sizes:

0.5cc, 1.0cc, 2.0cc.

All parts can be sterilized up to 125°C.

### Before Use:

1. It's recommended to sterilize the syringe before each use.
2. Check that all screwed parts are tightened.
3. Make sure that the valve springs and washers are properly positioned into the base.

### To set the dose:

1. In the box find the key-pin (20).
2. Open the body-cover (13) by gripping it with your fingers and turn.
3. Press the piston - forward to its utmost position, and insert the key-pin into the hole on the piston.

4. Grip the piston and unscrew it, and change to the one you need.
5. Tight the new piston gently with the key-pin.
6. Take out the key-pin from the piston.
7. Put a drop of castor-oil on the piston's O-ring.
8. Close the body-cover and tight it.

### Using the Vial Holder:

1. Remove the black plastic clip (42).
2. Insert the vial (43) to the vaccine bottle and push it down.
3. Return the plastic clip back – connect the vial holder to the syringe.

***Pay attention that the black plastic clip is properly set!***

### After use:

#### Care and Maintenance:

1. Dismantle the vial from the vial holder.
2. Pump the syringe in clear water, 6-10 times, to remove any residue of the material from the body, needles, tube and valves.
3. Open the body cover (13) and wash all parts in clear water.
4. Open the luer lock needle adapter (02) wash the parts in clear water.
5. Oil the glass cylinder after cleaning.
6. Assemble the parts together.

***Note: Pay attention, and take good care not to lose the small parts, like valves, valves springs, and valves plastic washers.***

### Recommended:

Use the original case for each syringe to keep it useful for long time.

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- 253-01 – Syringe body
- 253-02 – Luer lock, needle adapter
- 253-05 – Valve spring
- 253-06 – Valve stainless ball
- 253-07 – Fiber washer
- 253-10 – Piston o-ring
- 253-11 – Piston + shaft
- 253-12 – Screw nut M4
- 253-13 – Body cover
- 253-15 – Piston spring
- 253-16 – Finger grip - handle
- 253-17 – Upper handle
- 253-20 – Key-pin
- 253-21 – Piston shove
- 253-22 – Shove shaft
- 253-25 – Syringe housing
- 253-26 – Banding screw
- 253-27 – Bridge 2-to-1 needle
- 253-28 – O-ring gasket for bridge
- 253-40 – Body screw nut
- 253-42 – Plastic clip
- 253-43 – Vial holder body
- 253-48 – Air valve
- 253-49 – Metal Plate
- 253-99 – Spare parts kit  
(includes: 253-07\*2,  
253-10\*2, 253-12\*1,  
253-05\*2, 253-06\*2,  
253-28\*1, 253-26\*1)

## Piston + Shaft #11:

- 0.5cc 1105
- 1.0cc 1110
- 2.0cc 1120

