

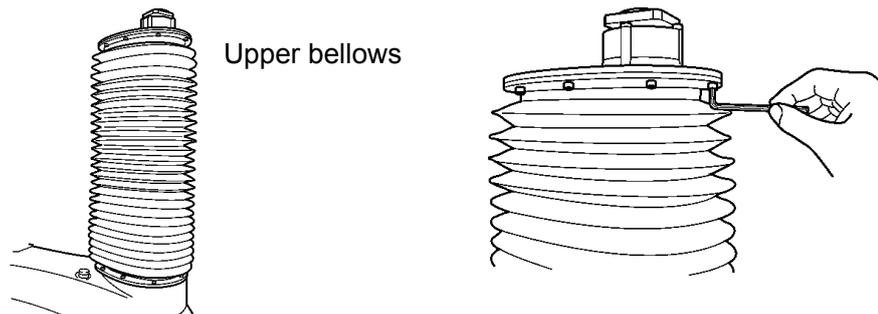
Removing the Bellows of HM-G/HS-G Series

1. Removing the Bellows of HM-G Series

1.1 Removing the Upper Bellows

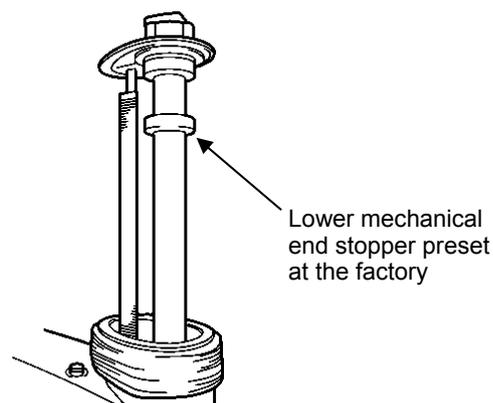
Step 1

Remove 8 bolts (M3) on the top of the upper bellows with a hexagon wrench.



Step 2

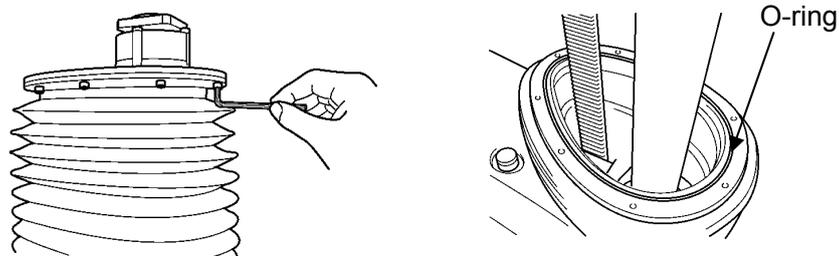
Pull down the bellows.



Step 3 (After operation)

Pull the bellows up to the original position and tighten 8 bolts (M3) with a hexagon wrench.

Tightening torque recommended: 1.6 ± 0.3 Nm

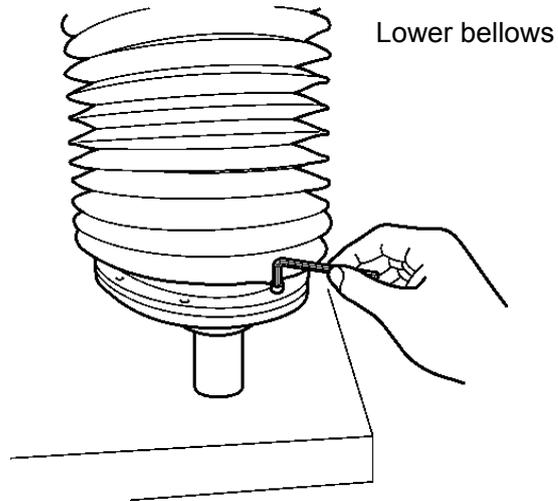


Caution: Take care not to pinch the O-ring when reinstalling the upper bellows.

1.2 Removing the Lower Bellows

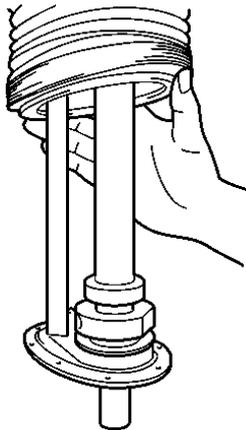
Step 1

Remove 8 bolts (M3) on the bottom of the lower bellows with a hexagon wrench.



Step 2

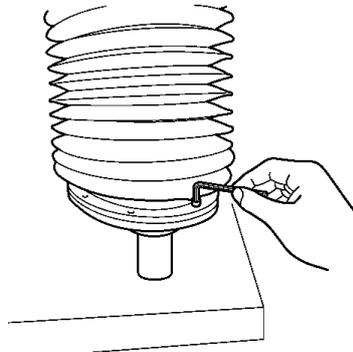
Pull up the bellows.



Step 3 (After operation)

Pull the bellows down to the original position and tighten 8 bolts (M3) with a hexagon wrench.

Tightening torque recommended: 1.6 ± 0.3 Nm

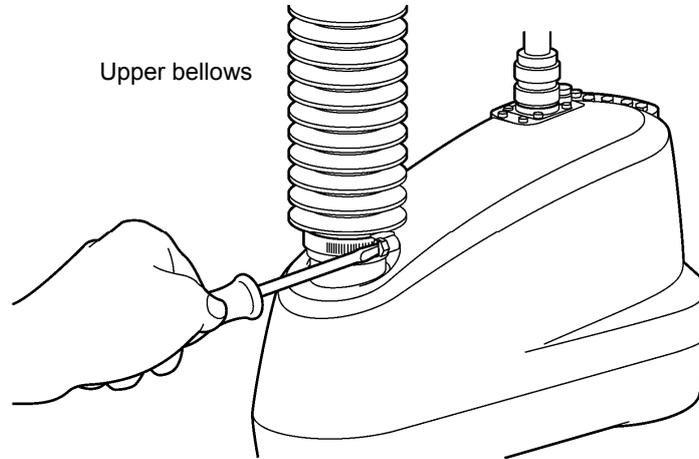


2. Removing the Bellows of HS-G Series

2.1 Removing the Upper Bellows

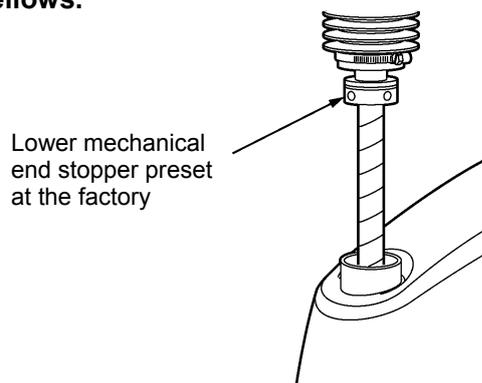
Step 1

Loosen the clamp band at the bottom of the upper bellows with a flat screwdriver.



Step 2

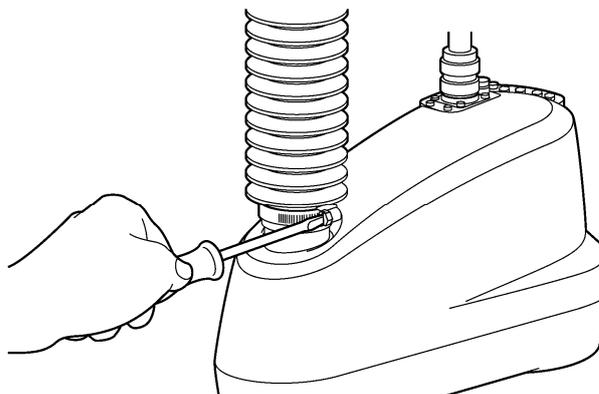
Pull up the bellows.



Step 3 (After operation)

Pull the bellows down to the original position and tighten the clamp band loosened in Step 1 with a flat screwdriver.

Tightening torque recommended: 2.0 ± 0.4 Nm



2.2 Removing the Lower Bellows

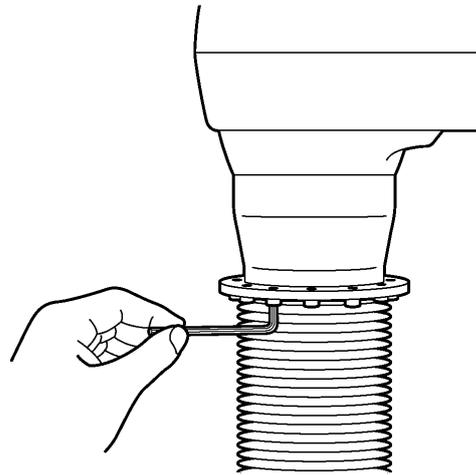
Step 1

Dust-proof, splash-proof type

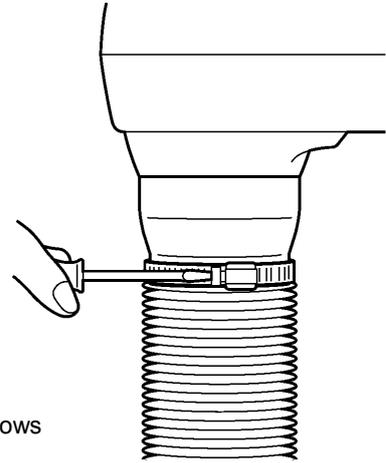
Remove 12 bolts (M3) on the top of the lower bellows with a hexagonal wrench.

Cleanroom type

Loosen the clamp band at the top of the lower bellows with a flat screwdriver.



Dust-proof, splash-proof type

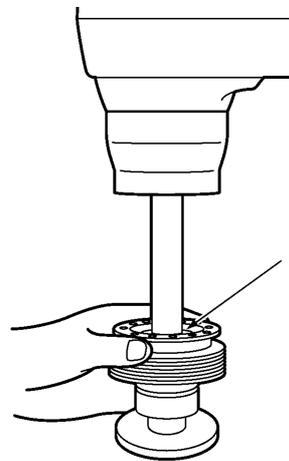


Lower bellows

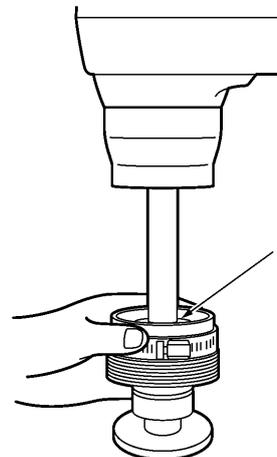
Cleanroom type

Step 2

Pull down the bellows.



Dust-proof, splash-proof type



Cleanroom type

Upper mechanical end stopper preset at the factory

Upper mechanical end stopper preset at the factory

**Step 3
(After
operation)**

Dust-proof, splash-proof type

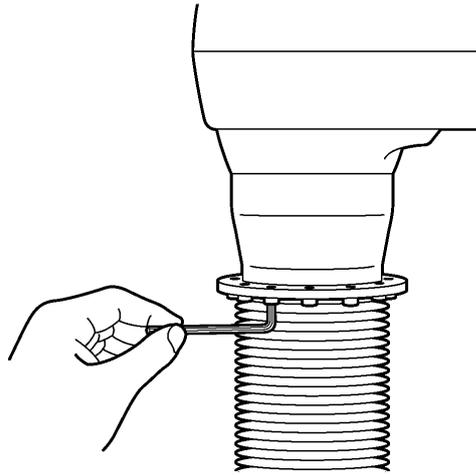
Pull the bellows up to the original position and tighten 12 bolts removed in Step 1 with a hexagonal wrench.

Tightening torque recommended: 1.6 ± 0.3 Nm

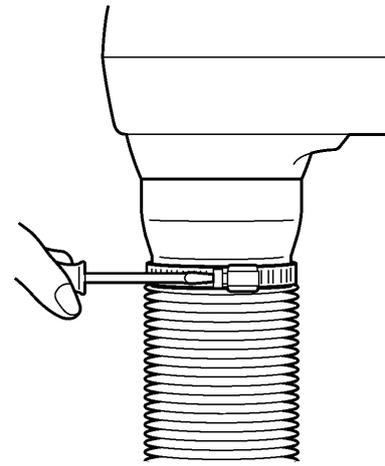
Cleanroom type

Pull the bellows up to the original position and tighten the clamp band loosened in Step 1 with a flat screwdriver.

Tightening torque recommended: 2.0 ± 0.4 Nm



Dust-proof, splash-proof type



Cleanroom type