

# A comparison of using the Endo-Suction Cleaning System (ESCS) versus syringe method

## Endo-Suction Kit System

### 1. Cleaning



An endoscope is connected to a suction via ESCS and immersed in cleaning solution. Fluid flows simultaneously through all channels.

**Time spent: 15 to 30 seconds.**

### 2. Draining the cleaning solution



Take endoscope out of the solution. All channels are drained simultaneously.

**Time spent: 3 to 5 seconds.**

### 3. Rinsing from the cleaning solution



Immerse endoscope into drinking water for rinsing the cleaning solution using suction.

**Time spent: 5 to 10 seconds.**

### 4. Draining, then disinfecting or placing into an automatic washer



Take endoscope out of the water. All channels are drained simultaneously.

**Time spent: 3 to 5 seconds.**

### 5. Rinsing the residual from the disinfectant



Immerse into drinking water. All channels are rinsed simultaneously. No assistance is required.

**Time spent: 60 to 120 seconds.**

### 6. Drying



All channels of the endoscope are drained simultaneously. No assistance is required.

**Time spent: 3 to 5 seconds.**

## Manual syringe method

Requires pushing 20ml syringe to individual channels.

Total: minimum 12 times.  
You have to remember to count.

**Time spend: minimum 315 seconds.**



Requires pushing 20ml syringe to individual channels.

Total: minimum 3 times.  
You have to remember to count.

**Time spent: minimum 40 seconds.**



Requires pushing 20ml syringe to individual channels.

Total: minimum 12 times.  
You have to remember to count.

**Time spent: minimum 210 seconds.**



Requires pushing 20ml syringe to individual channels.

Total minimum 12 times.  
You have to remember to count

**Time spent: minimum 40 seconds.**



Requires pushing 20ml syringe to individual channels. Total minimum 24 times.

You have to remember to count & assistance is required.

**Time spent: minimum 440 seconds.**



Requires pushing 20ml syringe to individual channels. Total minimum 3 times. You have to remember to count & assistance is required.

**Time spent minimum 40 seconds.**



**Total syringe pushing  
Total time**

**0  
89 - 175 seconds**

**Minimum 66 times  
Minimum 1085 seconds**