



## ENDOSCOPIC FLUE BRUSH SPECIFICATION SHEET

Flue Brush for instruments internal metallic parts cleaning  
➡ **narrow and/or long channels.**

### Landanger recommends

- Verify regularly the general condition of the Brush. For a good efficiency, replace a worn out Endoscopic Head-Brush.
- If the Brush is twisted, to raise it manually.
- Not to damage the fibres of the Brush, avoid any compression during the steam sterilisation or during the storage. It is advised to package Endoscopic Flue Brushes in linear bags of an adequate length. **The flat position in a rectilinear bag is recommended in the steam sterilizer.**

<b>After Sales</b>	• Replace Endoscopic Head-Brushes every 3 months at most.
	• Do not exceed 100 cycles of re-sterilisations for Endoscopic Head-Brushes.
	• Do not exceed 600 cycles of re-sterilisations for Endoscopic Brush Wands.
	• Within the framework of a normal use, LANDANGER grants a guarantee of - 2 months for Endoscopic Head-Brushes, - 1 year for Endoscopic Brush Wands.

### Contraindications

The Endoscopic Flue Brushes must not to be used for endoscope's lens cleaning, for flexible endoscopes, or for scratching plastics such as silicone, PVC or PTFE. If questionable, it is recommended to realize a preliminary test.

### COMPONENT LIST

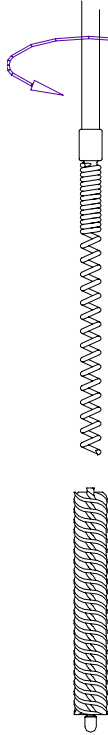
Elements	Components	Material
<b>Wand</b>	Flexible Wand	PEEK
	Connection	300 series Stainless steel
	Spring	300 series Stainless steel
	Colour coding	Polyamide category
	Handle	Thermoplastic Elastomer
	Reference engraving	Laser
<b>Brush</b>	Fibers	Thermoplastic Compound with a low absorbency level
	Protection end cap	300 series Stainless steel
	Wire	300 series Stainless steel

### EC mark

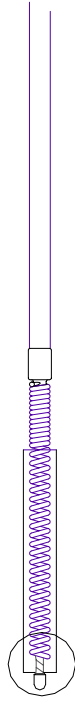
**European Directive 93/42/CE** : Endoscopic Flue Brushes belong to **Class I**, according to Schedule 9 Rule 1 of that Directive, non implantable, non invasive device, dedicated to medical device cleaning before disinfection, by physical means.

**ENDOSCOPIC FLUE BRUSH SPECIFICATION SHEET**

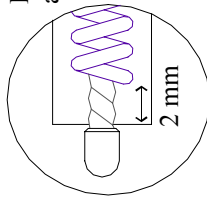
NON STERILE MEDICAL DEVICE  
**autoclavable to 135°C**



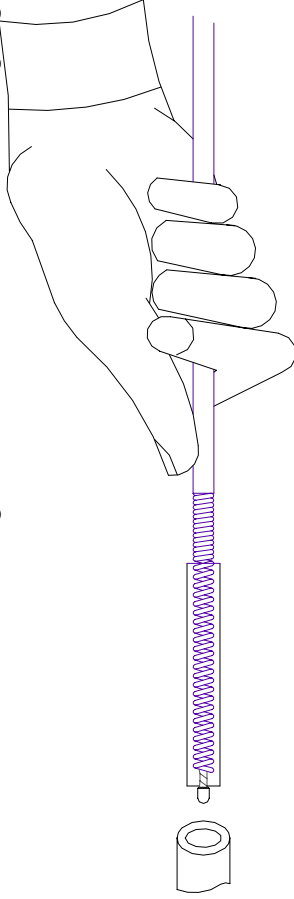
**DIAGRAM 1** - Apply the thin wire of the Head Brush on the Spring and turn the Wand



**DIAGRAM 2** - Stop screwing when the protective tip is approximately 2,3 mm above the spring's distal part



**DIAGRAM 3** - When introducing the Brush, Hold the Wand near the Spring



**HEAD BRUSH Replacement**

**To unscrew the HEAD BRUSH** : grasp the Head Brush between your fingers in one hand and turn the Wand with the other hand in contra clockwise.

**To screw a new HEAD BRUSH** : hold the Head Brush in one hand and apply the thin wire to the distal part of the Spring held with the other hand (DIAGRAM 1). Turn the Wand clockwise and stop screwing when it gently jammed inside the Spring. The protective tip should be approximately 2, 3 mm above the Spring's distal part (DIAGRAM 2).

**Instructions for use**

The passage of the Flue Brush in the instrument has to be made **without forcing**. Should the opposite occur, do not insist : the used Flue Brush is not the good model. Refer to the colour code presented on the poster.

Do not turn the Flexible Wand during the swabbing inside the instrument channel, in order to prevent any damage of the Brush.

Protect yourself against any possible projection of liquid during the use.  
Before every use, verify the integrity of the Flue Brush (DIAGRAM 2).

**After every swabbing, rinse systematically the instrument** to evacuate spots taken down during the brushing.

Steam Sterilize LANDANGER Endoscopic Flue Brushes by respecting the usual procedures for medical devices (up to 135°C - 20 minutes).

**Pull & Clean (for Endoscopic brushes without handle)**

Insert the Endoscopic Flue Brush by the non-brush side (wand's tip) in the working channel and push till the non-brush side gets out at the other side of the working channel. Then grasp the Flexible Wand's tip and pull the Brush through the instrument. Cleaning is done.

**Forward & backward motion (for Endoscopic brushes with handle)**

Hold the Wand near the Spring when introducing into working channel. Use a forward and backward motion to clean working channel : insert the Endoscopic Flue Brush in the working channel and push it till the Head Brush gets out at the other side, then pull the Brush out (DIAGRAM 3).