



# Disposable Injection Needles

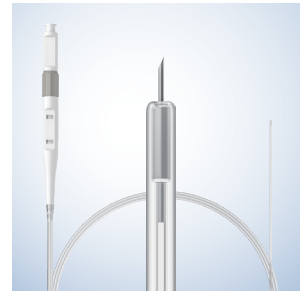
Easy-Effective-Exactly

A Xinwell Member Company

**AteTec**

## Intended use

The device is intended for use in conjunction with an endoscope, used for endoscopic injections during the treatment of varicose veins in the esophagus and stomach, as well as submucosal injections in the digestive tract.



## Products Features

- The needle tube should be operated smoothly in and out of the outer tube under the handle operation.
- Buckle and handle should fit well.
- Limit ring shall have good anti-skid performance, and the height of the raised anti-skid bar of the limit ring shall be greater than 0.1mm.

### The PP materials injection needles

With the handle of cone connector, the needle tube should be able to push out the outer tube smoothly, and the return thrust of the needle tube should be greater than 2N when it is completely recovered to the outer tube. With cone connector handle, the needle tube should be pulled back into the outer tube smoothly.

### PTFE materials injection needles

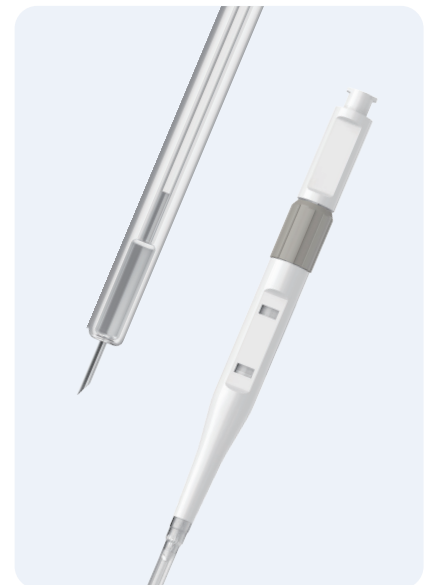
Push the handle with cone connector, and the needle tube should be able to push out the outer tube smoothly. Rotate the limit ring clockwise to lock the needle tube at 90°. After locking the needle tube, the pull back force should be greater than 2N when the needle completely retracting to the outer tube. The needle tube should be unlocked by rotating the limit ring counterclockwise 90°, and the needle tube should be pulled back into the outer tube smoothly with the cone connector handle.

### Bending resistance

The tube should have good bending resistance without any discounting.

### Performance

The injection needle should be in and out of the endoscope forceps channel smoothly, without obvious resistance or blockage, and can be smoothly out and out of the needle under bending condition.



# Specifications

	Diameter of outer tube D (mm)	Working length L (mm)	Outside diameter of needle tube d (G)	Length of needle tube l (mm)	Inner diameter of applicable endoscopic channel (mm)
ATE-ZSZ-18x1200x25x4	1.8	1200	25	4	≥2.0
ATE-ZSZ-18x1800x25x6	1.8	1800	25	6	≥2.0
ATE-ZSZ-23x1600x23x5	2.3	1600	23	5	≥2.8
ATE-ZSZ-23x2300x21x4	2.3	2300	21	4	≥2.8
ATE-ZSZ-23x1800x21x5	2.3	1800	21	5	≥2.8
ATE-ZSZ-23x1800x21x6	2.3	1800	21	6	≥2.8
ATE-ZSZ-23x1800x23x4	2.3	1800	23	4	≥2.8
ATE-ZSZ-23x1800x23x5	2.3	1800	23	5	≥2.8
ATE-ZSZ-23x1800x23x6	2.3	1800	23	6	≥2.8
ATE-ZSZ-23x1800x25x4	2.3	1800	25	4	≥2.8
ATE-ZSZ-23x1800x25x5	2.3	1800	25	5	≥2.8
ATE-ZSZ-23x1800x25x6	2.3	1800	25	6	≥2.8
ATE-ZSZ-23x2300x21x4	2.3	2300	21	4	≥2.8
ATE-ZSZ-23x2300x21x5	2.3	2300	21	5	≥2.8
ATE-ZSZ-23x2300x21x6	2.3	2300	21	6	≥2.8
ATE-ZSZ-23x2300x23x4	2.3	2300	23	4	≥2.8
ATE-ZSZ-23x2300x23x5	2.3	2300	23	5	≥2.8
ATE-ZSZ-23x2300x23x6	2.3	2300	23	6	≥2.8
ATE-ZSZ-23x2300x25x4	2.3	2300	25	4	≥2.8
ATE-ZSZ-23x2300x25x5	2.3	2300	25	5	≥2.8
ATE-ZSZ-23x2300x25x6	2.3	2300	25	6	≥2.8
ATE-ZSZ-C-23×2300×23×4	2.3	2300	23	4	≥2.8
ATE-ZSZ-C-23×1600×23×4	2.3	1600	23	4	≥2.8
ATE-ZSZ-C-23×2300×23×4	2.3	2300	23	4	≥2.8



About Atetec

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