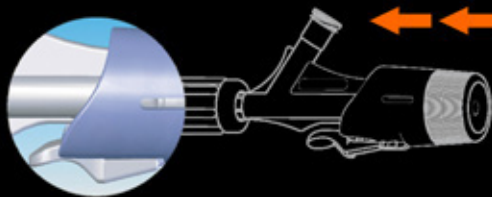


## 2-Step Bleed-Back Control Valve



**Excel's 2-Step** connector provides an easy to use hemostatic device for both diagnostic and interventional procedures. The 2-Step prevents back-bleeding while the balloon catheter / guide wire is inserted into the guiding catheter, and provides easy manipulation during placement while securing catheter's position.

With the easy to use lever you can use the **2-Step** in the following positions.



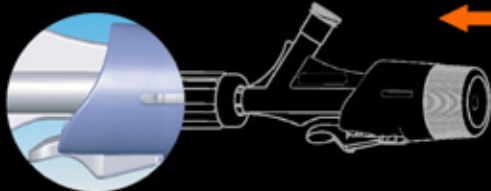
2 Steps in

### Open Position

For insertion of guide wire / catheter.

**Lever holds the product at the open position.**

**Provides convenience at device insertion and removal stage.**



1 Step in

### Semi-Open Position

Allows for maneuverability with minimal friction while preventing back-bleeding.

**Used when you want to manipulate the catheter or wire with no blood loss. Easier catheter maneuverability.**



Depress lever to close

### Closed Position

Seals around the catheter or wire to prevent blood loss while still allowing maneuverability of guide wires and small diameter catheters.

**Press Lever – the product returns to the closed position.**

### Insertion of Catheters



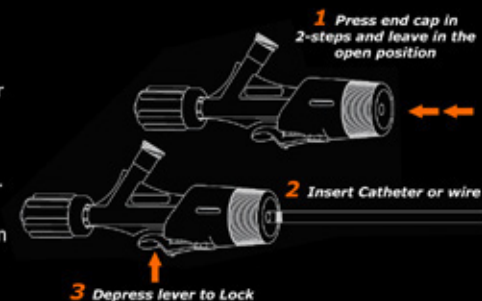
### One Handed Operation

Compared to current devices on the market which use either a Touhy-Borst valve or simple open close mechanism, the Y-Click allows the operator total control over the manipulation of catheters and wires without concern of bleed-back.

The 2-Step utilizes a one handed operation for both opening the device by pushing the valve or closing the device by pressing on the lever with one's thumb.

### Unique Advantages

Self Closing Mechanism. During injection of contrast media, the device mechanism will shut itself to avoid leakage of contrast media through the proximal end.



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