

# Go Green

For our environment. For our future.  
For a world worth living in.

## **marSeal® – sealing and cut without changing the instrument and with a minimum of disposables!**

It was a question of conviction, to develop these reusable instruments for the bipolar sealing of vessels. KLS Martin has succeeded in offering an alternative to the use of one-way instruments with the marSeal® instruments.

By using marSeal®, far less special waste is created, which needs to be disposed of at high cost and harms the environment. The marSeal® instruments require a minimum amount of one-way materials. Only blades or blade holders are disposable products.

In comparison: 50 blade holders for the marSeal® create 0.5 kg of waste. 50 one-way products create nearly 15 kg of waste. Moreover the marSeal® instruments also contribute significantly to save costs!

In addition to the economic benefits, the instrument also has many medical benefits. The combination of instrument and special sealing current allows for a shorter operating time, less blood loss and thus less physical strain for the patient.

## **Item numbers of marSeal® 5 plus Maryland at a glance**

<b>Article number</b>	<b>Designation</b>
<b>Complete instrument</b>	
80-633-01-04	marSeal® 5 plus Maryland, complete, consisting of handle, tubular shaft Ø 5 mm, shaft length 450 mm, including cleaning tool and flushing adapter, without blade holder*
80-633-02-04	marSeal® 5 plus Maryland, complete, consisting of handle, tubular shaft Ø 5 mm, shaft length 370 mm, including cleaning tool and flushing adapter, without blade holder*
80-633-03-04	marSeal® 5 plus Maryland, complete, consisting of handle, tubular shaft Ø 5 mm, shaft length 230 mm, including cleaning tool and flushing adapter, without blade holder*
<b>Individual components</b>	
80-633-04-04	Handle marSeal® 5 plus
80-633-06-04	Tubular shaft marSeal® 5 plus Maryland, Ø 5 mm, shaft length 450 mm, consisting of outer and inner shaft, including cleaning tool, without blade holder*
80-633-07-04	Tubular shaft marSeal® 5 plus Maryland, Ø 5 mm, shaft length 370 mm, consisting of outer and inner shaft, including cleaning tool, without blade holder*
80-633-08-04	Tubular shaft marSeal® 5 plus Maryland, Ø 5 mm, shaft length 230 mm, consisting of outer and inner shaft, including cleaning tool, without blade holder*
<b>Consumables</b>	
80-633-10-04	Blade holder for marSeal® 5 plus, 230 mm, sterile, sales unit = 10 pieces
80-633-14-04	Blade holder for marSeal® 5 plus, 230 mm, non-sterile, sales unit = 10 pieces
80-633-09-04	Blade holder for marSeal® 5 plus, 370 mm, sterile, sales unit = 10 pieces
80-633-11-04	Blade holder for marSeal® 5 plus, 370 mm, non-sterile, sales unit = 10 pieces
80-633-15-04	Blade holder for marSeal® 5 plus, 450 mm, sterile, sales unit = 10 pieces
80-633-16-04	Blade holder for marSeal® 5 plus, 450 mm, non-sterile, sales unit = 10 pieces
<b>Cleaning and reprocessing tools</b>	
80-633-12-04	Cleaning tool for marSeal® 5 plus
80-633-13-04	Rinsing adapter for marSeal® 5 plus

\* Blades have to be ordered separately.