



MED-ENG®

A BRAND OF THE SAFARILAND GROUP

BOMBTEC TM 700 TELESCOPIC MANIPULATOR



The TM 700 Telescopic Manipulator provides an improved ability for EOD operators and Bomb Technicians to maximize their standoff distance when working in close proximity to a suspect package or explosive device. It enables the user to deploy EOD tools such as a disruptor or X-ray plate, remove obstacles, or handle suspicious packages when use of a robot is not an option.



The TM 700 can be carried by a shoulder strap, or deployed with its detachable wheel base.

TM 700 TELESCOPIC MANIPULATOR

The TM 700 is the latest generation of remote manipulator from Med-Eng and combines the advantages of the TM 600 with several advancements. These include a claw that rotates in the vertical axis, a left/right handguard, multiple claw tips, a battery power indicator, and an optional video camera system.

DELIVER AND PLACE EOD TOOLS

The TM 700 provides EOD operators with the semi-remote ability to precisely and securely place a disruptor, X-ray plate, or other EOD Tool.



MULTIPLE CLAW TIPS

The TM 700 includes 5 pairs of unique claw tips

- Grasp objects based on their shape and material
- Easily interchanged by hand on site

Below: Interchangeable claw tips for best grip in a given situation.



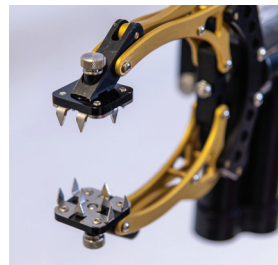
L-Shape



Flat



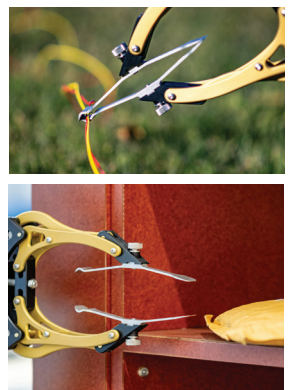
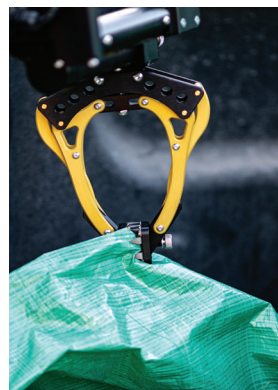
Claw



Spikes



Tweezers



REMOVE OBSTACLES

The system allows the operator to clear an obstacle out of the way, such as a tarp or the cover of a Blast Blanket.

RELOCATE AN OBJECT

Where Standard Operating Procedures permit, the system can be used to move a suspect item to a preferred location. To mitigate risk to the operator, time spent grasping a suspicious object should be minimized as much as possible in favour of more remote methods.



TM 700 TELESCOPIC MANIPULATOR

REACH INTO DIFFICULT AREAS

The TM 700 can reach into areas that are dangerous or difficult to access manually, such as bushes or under a vehicle.



3 AXIS CLAW ROTATION

The user has precise electronic control of the claw for smooth operation.

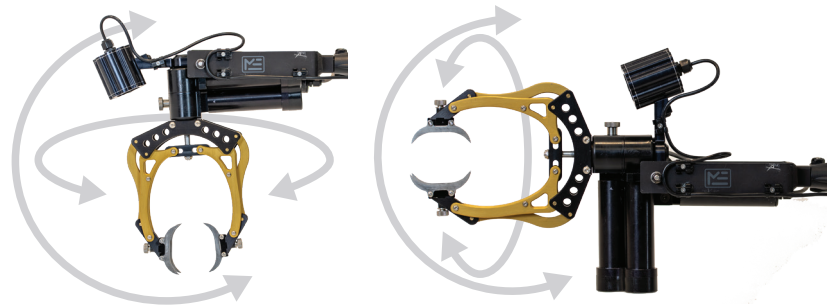
- Pitch rotation 240°
- Claw rotation (left/right continuous) 360°
- Claw closing/opening



OPERATOR PROTECTION

The TM 700 provides the operator with up to 3m (over 9') of standoff distance, in case of a blast event.

- The claw detaches from the pole during a blast to reduce transmitted forces
- The protective handguard can be mounted on the left or right side, as preferred by the operator
- A safety mechanism prevents accidental claw opening to reduce the risk of an item being dropped



Claw rotates to easily grasp objects at difficult angles.



Wheel base shown in use, and removed.

DETACHABLE WHEEL BASE

The TM 700 includes a 2-wheel base, which serves as a fulcrum for greater lift and reduces physical strain on the operator.

- Adjustable height
- Easily removed
- Operator carry strap included



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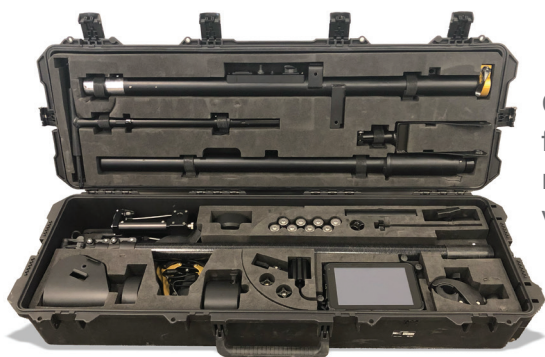
INTEGRATED VIDEO CAPABILITIES

An optional TM Claw Camera Module (sold separately), provides the operator enhanced visual capabilities.

- This optional kit includes a camera mounted to the claw and a viewing device mounted to the pole
- Enables the operator to see a target more clearly and to assist when grasping an object in the claw
- The camera gives visibility into areas that are difficult to access manually, such as under a vehicle or in bushes
- Records High Definition (HD) video and photos for use on site and as criminal evidence
- Ruggedized tablet with integrated weather-resistant case
- Ball joint allows operator to angle the tablet for optimal viewing, and on their preferred side of the pole

ADDITIONAL FEATURES

- Uses either rechargeable or disposable 'D' cell batteries (12 VDC)
- Adjustable, locking counterweight system to reduce operator strain
- Assembles quickly and without tools
- Battery level indicator
- Includes a rugged carry case



Carry case fits easily in response vehicles.



Visit med-end.com to request details or a quote.



For complete Product Specifications please contact your authorized Med-Eng representative.
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