

## SPECIFICATIONS

**Dimensions:** 37.75" w x 29" depth x 40.5" h (95.9 x 73.7 x 102.9 cm)

**Shield:** 36" w x 19" h (91.4 x 48.3 cm)

**Height Adjustable:** 36" to 40.5" (91.4 to 102.9 cm)

**Lead Shielding:** 1" thick (2.5 cm)

**Finish:** Powder coat

**Weight:** 446 lb (202.3 kg)

**Shipping Weight:** 560 lb (254 kg)

## REPLACEMENT PARTS

### 042-519 Adjustable-Height Mobile Radiation Shield

C09560	End Caps, 1-1/2 X 2 11 GA Tubing (T-Plas Tech Corp., Part NO. 1520-11)
056-307	Caster, Swivel, Locking
042-510-M333	Handle
042-510-M315	Pin, Latch
042-510-W180	Weldment, Jack Release
042-510-W170	Weldment, Jack

*Authorized European Community Representative:*

PROTHIA

26, rue serpollet

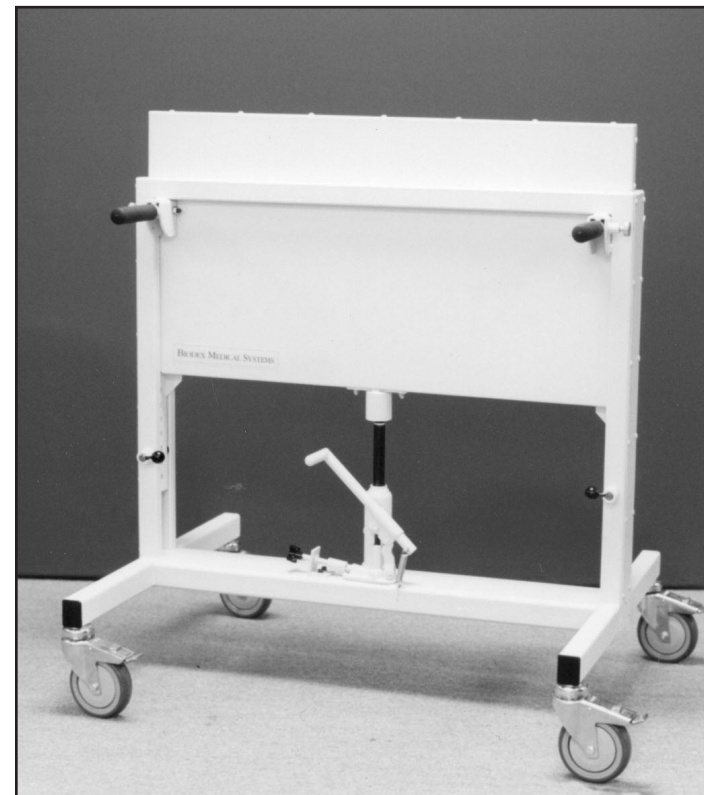
75020 Paris, France

(011)33.1.40.31.60.20

# ADJUSTABLE-HEIGHT MOBILE RADIATION SHIELD

## OPERATION MANUAL

042-519



*Certified Quality Management System*

# BIODEX

Biodex Medical Systems, Inc.

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**This manual contains operation procedures for the following:**

042-519      Radiation Shield, Mobile, Adjustable Height, 1" lead

**INTRODUCTION**

The Adjustable Height Mobile Radiation Shield puts shielding where it is needed. Roll into place, secure the wheels and adjust to the desired height. Panel can be height adjusted within a 4.5" range. Wheel and swivel locks on each caster provide secure placement.

**OPERATION**

*(See Figure 1.)*

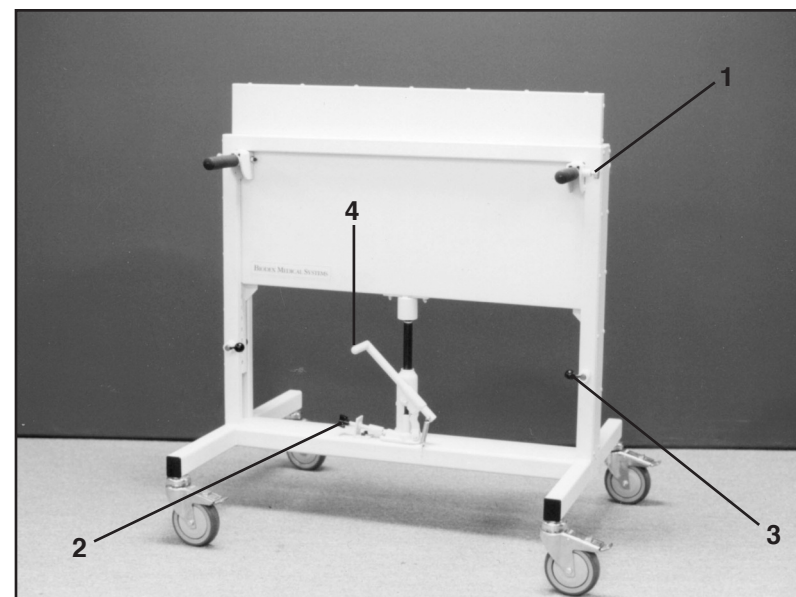
Roll the shield into position between the technologist and administered patient. Secure the shield in place by pressing down with your foot on any of the four swivel lock caster brake levers. Adjust shield height as follows.

**To Raise the Shield**

1. Loosen both shield locking knobs (one at each end of the shield).
2. Ensure the pump knob, located at the base of the pump, is fully tightened.
3. Pull out on both locking pins, one at each end of the shield, to allow the shield to be raised. You must continue to hold the locking pins out so that the shield will be lifted to the next incremental setting.
4. Press down with your hand or foot on the raised end of the shield height adjustment lever, located on the pump. The shield will rise in small increments as you continue to pump the lever.
5. Tighten the shield locking knobs.

**To Lower the Shield**

1. Loosen both shield locking knobs (one at each end of the shield).
2. Loosen the pump knob, located at the base of the pump.
3. Pull out on both locking pins, one at each end of the shield, to allow the shield to be lowered. You must continue to hold the locking pins out so that the shield will lower to the next incremental setting.
4. Press down with your hand or foot on the raised end of the shield height adjustment lever, located on the pump. The shield will be lowered in small increments as you pump the lever. It will lock in position when you release the locking pins.
5. Tighten the shield locking knobs.



*Figure 1. Adjustment mechanisms for Adjustable-Height Mobile Radiation Shield.*

1. Shield locking knobs
2. Pump knob
3. Locking pins
4. Shield height adjustment lever

**MAINTENANCE**

As required, clean shield with soap and water.