



# Manus Flex-Ion

Use the Manus Flex-Ion only after consulting a trained licensed healthcare professional. Never exercise beyond the point of comfort.

The exercises provided are designed to enhance and maintain the physical attributes and general health of the hands. Begin all exercises slowly and use low resistance & few repetitions. Hold each position 3-5 seconds and relax - repeat 5 to 10 times. Little by little increase to 3 sets of 10 (30 reps). When graduating to a higher resistance begin again with 5 to 10 reps and build slowly. If you experience pain or fatigue – stop immediately. As with any exercise, excessive or incorrect use can lead to pain or injury. Therefore progress slowly and increase reps and resistance very cautiously.



### FLAT FIST

**How to execute:** place the center of the ergonomic bar on the thumb tip and line up a button to the base of each finger. Keep small finger joints straight while bending only the larger knuckles to press buttons.

**What it does:** focuses on the small muscles in the palm that bend the larger knuckles and straighten the small joints. These muscles help you to get a firmer grasp around a handle for increased stability, and are used for fine motor manipulation of the fingers.



### POWER PINCH

**How to execute:** place the hook of the ergonomic base between the ring & pinky fingers and across the base of the pinky finger. Reach across the palm with the thumb to press the button closest to the fingers.

**What it does:** provides extra power to the small muscles at the base of the thumb and pinky finger to enhance your grasping ability.



### HOOK GRASP

**How to execute:** place fingertips on individual buttons and position the ergonomic palm bar in the palm with the hook over the web space between the thumb and index finger. Keeping fingertips slightly bent, flex all fingers toward the center of the unit.

**What it does:** strengthens the only muscles that bend the fingertips. Especially helpful when the hand is open and you need to hold an object or support your weight with a fingertip hold. Also strengthens longer muscles in the forearm and wrist while stretching smaller muscles in hand for greater motion and endurance.

### FINGER PLAY

**How to execute:** place finger tips on individual buttons, and position the ergonomic bar in the palm with the hook over the web space between the index finger and thumb. Keeping fingers slightly bent, flex 1-4 digits in varying combinations toward the center of the unit as if playing the trumpet.

**What it does:** allows the fingers to press individually or in various combinations to help improve finger coordination, dexterity and strength to aid in all sports play and object manipulation.



### THUMB PINCH

**How to execute:** place the hook of the ergonomic palm bar on the inside of the bent index finger. With the tip of the thumb slightly bent, flex the thumb on the first button. Note: for increased resistance, flex the thumb tip on the first two buttons at the same time.

**What it does:** provides isolated strength to the thumb and the side of the index finger for a strong lateral hold. Strengthens thumb and index finger for greater stability and coordination.



### WRIST FLEX

**How to execute:** remove ergonomic palm bar. Stand unit upside down on a table. Rest the forearm of the wrist to be exercised in the other hand. Position the bar across the palm and press the bar in a downward motion while flexing only the wrist joint.

**What it does:** isolates the forearm muscles that bend the wrist. Strengthens wrist and forearm muscles. Note: the fingers are not active during this exercise.



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### TRIPOD PINCH

**How to execute:** place the thumb tip in the center of the ergonomic base with the index and long fingertips resting on the two center buttons. Keeping the fingertips bent, flex the thumb and fingers toward the center of the unit at the same time. Be sure to keep the ring and pinky fingers bent into the palm during this exercise.

**What it does:** Strengthens the grip function and force between thumb, middle finger and index finger.



### FINGER TIP PINCH

**How to execute:** place all finger tips on their own button with the tip of the thumb on the center of the ergonomic base. Keeping all finger tips bent, flex the thumb and all the fingers toward the center of the unit at the same time.

**What it does:** isolates finger tip motion for the finer movements involving coordination and dexterity of the hand. This improves object manipulation and precision grip.



### POWER GRIP

**How to execute:** place the middle of the fingers on the buttons with the fingertips wrapped over the top. Position the ergonomic palm bar across the palm with the hook over the web space between the thumb and index finger. Flex the thumb and all fingers toward the center of the unit as if making a fist.

**What it does:** provides a firm full grip around objects for increased stability and power. Strengthens fingers, thumb, wrist and forearm for a firm grip.



### TIP-TO-TIP PINCH

**How to execute:** Place the tip of the thumb on the center of the ergonomic palm bar. Position the finger to be exercised on one of the center buttons. Keeping both tips slightly bent, flex the thumb and the finger being exercised toward the center of the unit at the same time.

**What it does:** Strengthens the grip function and force between thumb and index finger.



### TRIGGER GRIP

**How to execute:** loosely hold the unit vertically with the buttons toward the fingers and the hook of the ergonomic palm bar positioned over the web space between the thumb and index finger. Grasp buttons tightly with the long ring finger and pinky finger and hold this position while isolating the index finger. Press the remaining button with the index finger as if pulling a trigger.

**What it does:** strengthens basic sustained grip strength while isolating the index finger.



### TRICEP PRESS

**How to execute:** remove the ergonomic palm bar and place your Flex-Ion upside down on a table. Keep the wrist straight and the forearm off the table. Press down with the palm to compress unit. Note: the fingers are not active during this exercise.

**What it does:** helps isolate the larger muscles of the forearm and upper arm to gain strength and endurance with the elbow extended.



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