Feature for Motion Control Electric Terminal Device (ETD) and MC Hand ProPlus versions

**Force Limiting** - Grasp a delicate object and the terminal device will stop gripping at ~ 2lb of gripping force

Each "pulse" raises gripping force by ~ 2lb

**Auto Grasp** - Auto Grasp detects a socket or electrode "slip", and automatically increases grip force.

**FORCE LIMITING AUTO GRASP**

from Motion Control

**FEATURES & BENEFITS**

- Force Limiting feature prevents accidental crushing of delicate items, or accidentally over-squeezing a person's hand, for example
- Audio feedback reminds wearer that the Force Limit, and / or Auto Grasp feature has pulsed the force a little higher
- Wearers notice that the Force Limiting feature reduces the concentration (or mental load) to carefully grip fragile objects
- Wearers can easily enable, or disable the FLAG feature, to suit the needs for the task at hand
- The Auto Grasp feature will assure the wearer that a sudden, unexpected shift in the electrode location will not release their terminal device's grip, but rather result in an incremental increase in pinch force
FORCE LIMITING / AUTO GRASP (FLAG) from Motion Control

AVAILABILITY
Available for MC Electric Terminal Device (ETD) and MC Hand ProPlus versions

FORCE LIMITING - HOW IT WORKS
1) Enable the FLAG feature, with Hold-Open command for 3 seconds. A “beep” signals the wearer that the FLAG feature is enabled.

2) Grasp object - the TD will stop gripping at ~ 2lb grip force (13 N). A “beep” signals the wearer that the grip force has limited, and the motor turned off.

3) Pulse the grip force step-by-step to desired force - each command pulse raises force ~ 2 lb. Each pulse is accompanied by a “beep”.

4) To disable FLAG feature, Hold-Open Command again, for 3 sec. A double “beep” indicates feature is turned off.

AUTO GRASP - HOW IT WORKS
1) Hold-Open for 3 seconds (hear the “beep”).

2) Close on object. Terminal Device stops.

3) A sudden, quick opening signal (e.g., when the wearer’s socket might slip, or electrodes pull away from skin) will cause a closing pulse, increasing gripping force by ~ 2lb. A ‘beep” is emitted by the controller at each pulse.

4) To disable FLAG feature, Hold-Open Command again, for 3 sec. A double “beep” indicates feature is turned off.

ORDERING INFORMATION
ETD FLAG P/N: 3010850 (add to ETD Part Number)
Left Hand FLAG P/N: 3010848: (add to Left Hand Part Number)
Right Hand FLAG P/N: 3010849: (add to Right Hand Part Number)

*SUGGESTED L-CODES
L6881 - Auto Grasp
L6882 - Microprocessor control

*Suggested L-Codes are provided as a reference only, it is the responsibility of the practitioner to confirm this information.