

From standard to custom pinch tests, wireless Commander Echo Pinch is the convenient way to collect pinch strength data for hand therapy, post-offers, Functional Capacity Evaluations (FCEs), repetitive trauma disorders, or any evaluation that requires pinch strength information.



## Advanced Features

- ▶ Displays maximum force, CV, right and left side test averages and bilateral deficit
- ▶ Console stores 20 bilateral tests with up to 4 repetitions per side
- ▶ Helps determine consistency of effort in Workers' Compensation and FCE exams
- ▶ Document bilateral differences, establish baselines and monitor progress
- ▶ Force rated to 50 lb. for strong performers with 0.1 lb resolution for accurate testing of weak performers
- ▶ Precision technology achieves greater than 99% force accuracy
- ▶ Wireless console is independent of the testing device allowing the tester to review data during active testing without influencing the patient's level of effort



\*Console required to operate device. Console and device sold separately.

DISTRIBUTED BY



190, Boul. St-Elzéar Ouest  
Laval (Québec) H7L 3N3  
T 450 669.8985 | 1 800 361.0877  
F 450 669.9532 | 1 888 935.7001  
[www.medicaltronik.ca](http://www.medicaltronik.ca)



JTECH MEDICAL  
MEASURING HUMAN PERFORMANCE

© 2012 JTECH MEDICAL MM319\_B

# Technical Specifications

- Number of tests stored on Console: . . . .20
  - Number of repetitions per test: . . . . . 1-4
  - Audible cues: . . . . . yes
  - Load cell capacity: . . . . . 50 lb.
  - Auto coefficient of variation calculations (CV): yes
  - Automatic bilateral deficit calculation: . . . yes
  - Threshold settings: . . . . . 0.4, 1, 3, 5 lb.
  - Units of measure (pounds default): . . .lb, kg, N
  - Automatic fatigue calculation: . . . . . yes
  - Timed test for fatigue evaluation . . . . . yes
  - Allows for specific test re-testing: Last rep only while still testing
  - Print options: . . . . . Yes\*
- \* With purchase of Downloader Echo software



# Product Highlights

- "Axis Compensation" smart load cell maintains accuracy even if force is applied off-center.
- Quantify effects of Carpal Tunnel Syndrome (CTS) and other repetitive trauma disorders
- Document bilateral differences, establish baselines and monitor progress
- Compatible with normative data developed by Mathiowetz and published in the American Medical Association (AMA) *Guides*
- Use in upper extremity evaluations including post-offers and FCEs

## COMMANDER ECHO Downloader™

Optional Commander Echo Downloader (CM311) software enables you

to create quick but meaningful reports from the data you collected on your Commander Echo Console with the click of a button. The easy-to-use Commander Echo Downloader software interfaces directly with your Commander Echo Console eliminating dictation and transcription errors.



Other Commander Echo Devices\*



\*Some devices shown with accessories attached.

DISTRIBUTED BY



190, Boul. St-Elzéar Ouest  
Laval (Québec) H7L 3N3  
T 450 669.8985 | 1 800 361.0877  
F 450 669.9532 | 1 888 935.7001  
[www.medicaltronik.ca](http://www.medicaltronik.ca)



**JTECH MEDICAL**  
MEASURING HUMAN PERFORMANCE

© 2012 JTECH MEDICAL MM319\_B