COMMANDER
Grip

Commander™ Grip (AA105)

Commander Grip is the fastest, most versatile portable grip testing system with data storage capabilities.

▶ Evaluate hand strength and compare results to published normative data

▶ Evaluate voluntary maximal effort
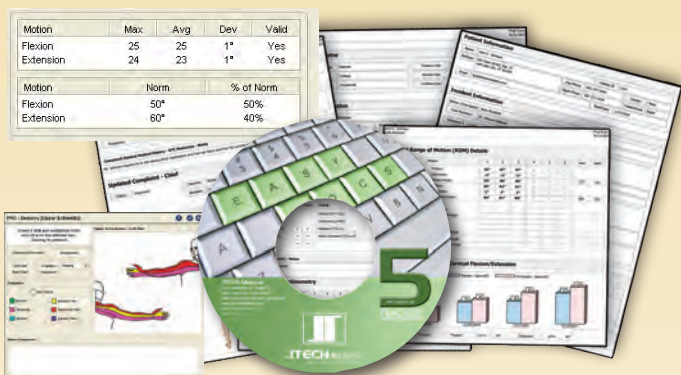
▶ Establish baselines and monitor progress

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Technical Specifications

Number of tests stored: 1-40

Tests bilaterally: . . . . Yes

Tests unilaterally: . . . . Yes

Number of repetitions per test: 1-8

Audible cues: . . . . Yes

Gauge capacity: . . . . 200 lbs.

Automatic coefficient of variation
calculations (CV) . . . . Yes

Automatic bilateral deficit calculation:. . . . . . Yes

Threshold settings: . . . . 3, 5, 10,or 20 lbs.

Unit of measure (pounds default): . . . . lb. or N.

Test times: . . . . .1-5 seconds or untimed

Allows for specific test re-testing:. . . . . Yes

Print options: . . . . .Yes*

*Requires Commander Downloader

Motion	Max	Avg	Dev	Valid
Flexion	25	25	1°	Yes
Extension	24	23	1°	Yes

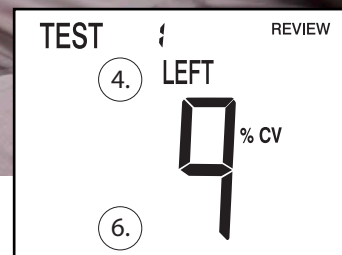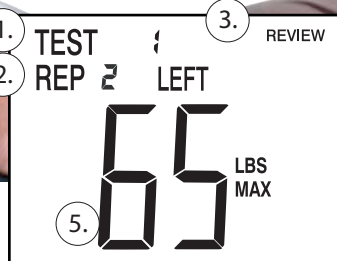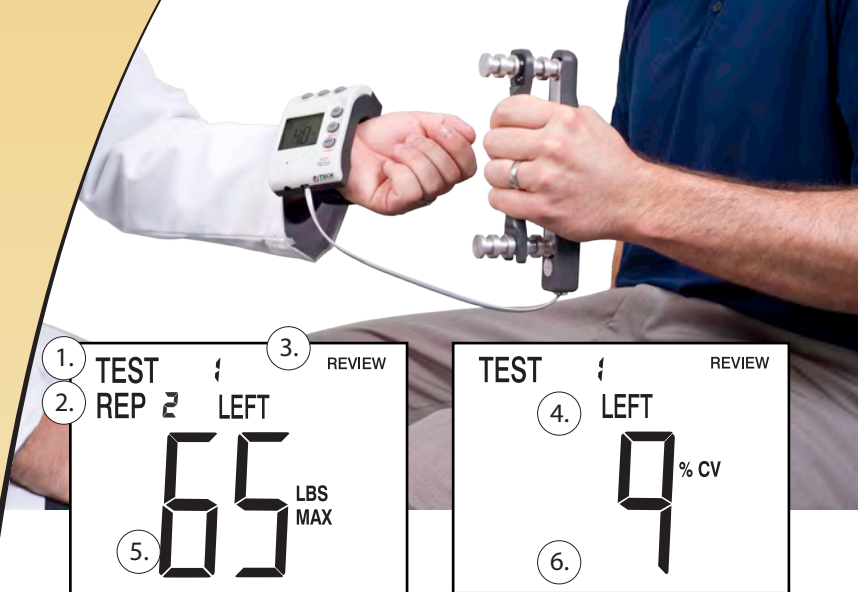| Motion	Norm		% of Norm
Flexion	50°		50%
Extension	60°		40%

Easy Docs 5.0 Software option allows you to document findings, track progress and quickly print reports for all Commander products.

- ❯ Normative comparisons
- ❯ Coefficient of Variation (CV) calculations
- ❯ American Medical Association (AMA) validity for spine ROM
- ❯ Bilateral comparisons
- ❯ Document sensory dermatomes, orthopedic tests, deep tendon reflexes
- ❯ Score outcomes questionnaire
- ❯ Comprehensive intake section

TEST **REVIEW**
REP 2 LEFT
65 LBS MAX

TEST **REVIEW**
LEFT
9 % CV

1. Test number
2. Repetition number
3. Active "mode" for testing or reviewing data
4. Side being tested
5. Real-time force on dynamometer shown in fractions of a pound or newtons
6. Coefficient of variation calculation

Product Highlights

- ❯ Stores 40 bilateral tests with up to 8 reps per side
- ❯ Performs 5-position, rapid exchange and sustained grip tests
- ❯ Console displays maximum force, CV, right and left average force and bilateral deficit
- ❯ Adjustable test time with fatigue calculation for sustained grip tests.
- ❯ Compatible with normative data developed by Mathiowetz and published in the AMA Guides.
- ❯ Digital load cell technology provides greater reliability and durability than other common gauges

Optional Downloader Software and Adapter downloads data from your Commander Console into a computer text file for quick printing or easy inclusion into your documentation software.

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