

digital (strain-gauge) 5-position dynamometers

- the adjustable 5-position handle accommodates all hand sizes for accurate and repeatable grip and pinch strength measurements
- standard model for clinic use. Deluxe model for workers comp, FCE (functional capacity evaluation) and research applications
- data is stored for instant recall
- dynamometer is bluetooth enabled
- the maximum (peak) value is shown for each scan. The average (mean), standard deviation (SD) and coefficient of variation (CV) are calculated and displayed for each series of scans
- results can toggle from lbs to kgs
- the exertion and rest times are set by user



pinch grip



hand grip



all digital dynamometers have a 2 year warranty

grip strength (300 lb)

- 5-position grip handle assures proper fit for testing and allows for the 5-position grip strength tests

12-0070	standard grip	200.00
12-0071	deluxe grip	300.00

pinch strength (100 lb)

- 5-position pinch handle assures proper fit for testing and allows for the 5-position pinch strength tests

12-0080	standard pinch	200.00
12-0081	deluxe pinch	300.00

3-piece hand evaluation sets

- set includes grip and pinch strength dynamometers and plastic finger goniometer (12-1014) in a carrying case

12-0090	standard set w/case	417.50
12-0091	deluxe set w/case	607.50

Testing Protocols

Standard and Deluxe

- 1 Quick Test: maximum (peak) scan value
- 2 GST (General Strength) Test: 3 consecutive scans at the same grip level

Deluxe only

- 3 RET (Rapid Exchange) Test: requires 6 consecutive scan at the same grip level alternating hands between each scan
- 4 MVE (Maximum Voluntary Effort) Test: 5-grip position test requires 5 scans, one at each grip level
- 5 MMVE (Modified Maximum Voluntary Effort) Test: 5-grip position test requires 5 scans, one at each group level.
- 6 Fatigue Test: requires 1 extended time scan. Permits comparison of total work (strength exerted) over two or more user defined time periods.