

AMTI and Frappier Acceleration Sports Training have joined forces to create the

# AccuPower

Functional Power Assessment System | SOFTWARE

The AccuPower\* is a portable six component forceplate designed for athletic performance evaluation during jumping or similar exercises.

## AccuPower Standalone Software Features

3 modes of operation: Feedback, Testing, Playback

Calculations displayed in graphical format

- Center of Mass velocity profile
- Power profile
- Peak power/jump (negative/positive)
- Rate of Power development
- 3D force vector display w/ slow motion features (playback mode only)
- True COM jump height

Full-featured graphics display

- x and y axis zoom
- cursor indicating graph values
- VCR playback controls

4 standard jump tests

- Single vertical jump
- 10 second repeated vertical jump
- 30 second repeated vertical jump
- Standing long jump

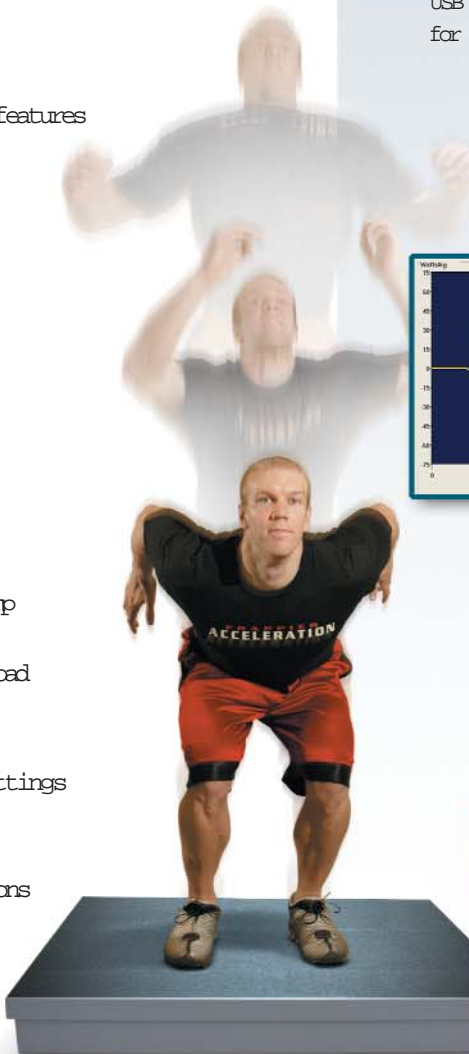
2 user-defined settings

- user-specified duration for repeated jump testing or other movements
- user-specified duration and additional load for Olympic lift testing

Data acquisition features

- Auto-recognition of RS232 COM port settings
- Data sampling rates of 100, 200, or 400 data sets/second
- File auto-save and auto-increment options
- All data saved in comma-delimited ASCII format

The forceplate is designed to be a low weight, portable transducer with high overload protection and can interface directly to a computer's serial port.



\*U.S. Patent #5,339,699



## Minimum Requirements for AccuPower standalone

Windows 2000, Windows XP Professional

Pentium III-600 MHz, P4, Athlon XP, Celeron 2 processor

64 Mb RAM (128 Mb or better recommended)

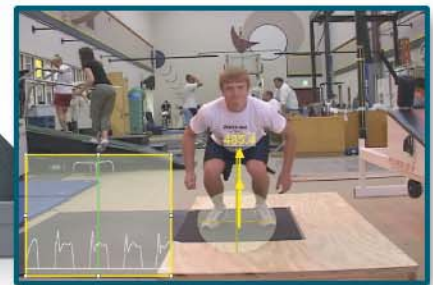
2 Mb disk space

RS 232 serial port OR USB to RS232 serial converter

USB to RS232 serial converter required for 400 data sets/second



AccuPower software is fully integrated with available DartFish video training solution.



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