

Bertec[®] Instrumented Stairs

Bertec's instrumented stairs are designed to measure ground reaction forces while ascending or descending stairs. Three of the four levels of stairs are instrumented with our patented strain gauge technology which allow the measurement of ground reaction force and moment as well as Center of Pressure (CoP).

- Measure ground reaction forces
- Assess mobility
- Mobile stairs-on-wheels
- Portable force plates easily detachable
- Four levels of stairs
- Use stand-alone



One-of-a-kind solution

- Three steps, 3 ft wide and 1 ft deep
- Landing surface, 3 ft wide and 2 ft deep
- Left and right handrails, 36.5 in height
- Amplifiers with connecting cables
- Four levels of stairs (three instrumented)
- Six-component force output from each plate
- 2000 (10000) lb (N) load capacity for each instrumented step
- Stairs on wheels allow you to move the system with ease

Optional Configurations

- Wheels can be retracted to lock stairs in place
- Portable force plates in the stairs can be easily detached and used stand-alone
- Instrument one, two, or three steps
- Instrumented handrails available – three-component force output from each handrail



Connect with an expert

bertec.com | 614.543.8099 | sales@bertec.com