

Product Overview (Force Plates)

| Force Plate | | | | | | |
|--|-----------|---------------|---------------|---------------|---------------|-------------|
| Application in... | Type 9285 | Type 9286A... | Type 9281C... | Type 9287B... | Type 9253B... | Type 9290AD |
| Take-off force in performance diagnostics | — | ○ | + | + | + | ++ |
| Mobile force measurement (field trials) | — | ++ | + | ○ | — | + |
| Highly dynamic force measurement in competition | — | ○ | ++ | ++ | + | — |
| Force measurement under difficult conditions (high load, point load, moisture, etc.) | — | + | + | + | ++ | — |
| Force measurement under very difficult conditions (highly dynamic, large/small forces, wide measuring range, etc.) | — | + | ++ | ++ | ++ | — |
| Gait and running analysis (varied and dynamic) | + | ++ | ++ | + | + | — |
| Gait and balance analysis with very accurate determination of COP, fixed installation | ++ | ++ | + | + | + | — |
| Clinical gait and balance analysis with very accurate determination of COP, portable, low installation costs | ○ | ++ | ○ | — | — | — |



Key: Ideal ++ Very suitable + Possible ○ Unsuitable —

| Necessary requirements | Fulfilled | | | | | |
|---|-----------|---|---|---|---|---|
| Very dynamic processes, wide useful frequency range | | | • | • | • | |
| Very high forces (F >10 kN) | | | • | • | • | |
| Very low forces (F <100 N), high sensitivity | • | • | • | • | • | • |
| Very accurate determination of COP | • | • | | | | |
| Very heavy point loading of cover plate | | • | | | • | |
| Waterproof (IP67) | | | | | • | |
| Glass cover plate | • | | | | | |
| Integral charge amplifier available | | • | • | • | | • |

This information corresponds to the current state of knowledge. Kistler reserves the right to make technical changes. Liability for consequential damage resulting from the use of Kistler products is excluded.