

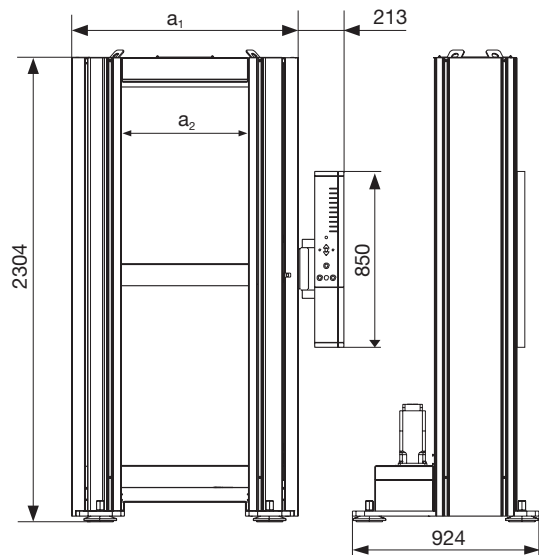
Product Information

Floor testing machines Z050 up to Z250 of the Allround-Line



Floor testing machine Z100 SN

Scale drawing (illustrated: Z250 SN)



General advantages of the Allround-Line with the Zwick electronics testControl

System of simplest operation

- Operation with standard PC and *testXpert*® software for highest operator comfort, analysis and statistical data processing
- Operation without PC as option „Stand Alone“ with colour display and direct data management
- Automatic sensor detection and intelligent help for all dangerous and error situations

System of most modern technology

- Highest machine availability by use of maintenance free AC servo drives with direct mains supply and real time operating system
- Controlled drive and positioning through adaptive control and fully automatic controller adjustment
- Testing to standards at rapid processes via 500 Hz Online test data transmission
- Zwick drive systems can be used at maximum speed and maximum load plus 10%
- Zwick drive systems can cycle continuously up to full load and full speed without any waiting time between tests

System with modular design

- Modular system for mechanics, software and electronics for low price configurations to suit requirements

- Includes one additional module slot for the connecting of further measurement systems, optionally up to 9 additional slots available
- An I/O module provides 2 analog output channels per slot or other inputs/outputs

System with future

- High investment security through individual configuration possibilities
- Compatibility concept for continuous component expansion
- Continuous further development of the „System test machine“
- ISO 9000 and CE conformity

Special advantages of the floor machines

- Large test area
- High load frame rigidity
- Functional load frame cover panels with T-slots offer the possibility of fixing a wide range of accessories
- Variabel test area layout through a height adjustable crosshead
- Play free guide and ball lead screw for no-problem working at tensile and compression loading
- Safe base with shock absorbing elements which can be levelled, and free space for lifting the machine with a lift truck