

The rock point load tester is a kind of test instrument for rock point load test and determination of rock point load strength index. According to the rock point load strength index, determine the anisotropic softness of the rock (i.e., the ratio of maximum to minimum of the load strength of different points), determine the weathering zone, estimate the rock drilling speed, grade the rock, and so on

Technical performance parameters

1. jack maximum output: 50KN / 10KN
2. sensor rated carrying capacity: 50KN / 10KN
3. piston diameter: 32mm
4. piston maximum travel: 60mm
5. load point maximum spacing: 90mm
6. allow the maximum width of the specimen: 90mm
7. allow the minimum length of the specimen along the loading direction: 40mm
8. reading mode: liquid crystal display, electronic peak memory
9. force measurement error: 1% F.S.
10. operating temperature: -20 to 45 degrees C
11. electricity source: 9V block battery
12. geometry (L x W x H): 280mm x 640mm
13. machine net weight 29kg

