

JTG-1B Underwater Concrete Perfusion Elevation Locator



Summary

This instrument is used to do the elevation location during underwater concrete perfusion as per standard DBJ08-202 Bored Pile Construction Regulations and DGJ08-11 Foundation Design Specifications. JTG-1B Underwater Concrete Perfusion Elevation Locator is designed on the base of model JTG-1A. It is more convenient to operate.

I. Main technical features

1. This instrument is composed of a ground instrument and a measuring probe. The ground instrument is placed on a small wheeler. Easy to move.
2. It adopts advanced PC technology. It can collect, analyze, calculate and process the data automatically. The test results are reliable.
3. It adopts acousto-optic alert to make the operator judge and control the location.
4. Notebook PC and software are optional. The measuring value can be displayed in real time and saved for analyzing.

II. Main technical specifications

1. Locating range: 0m~30m
2. Locating precision: ± 0.3 m
3. Dimension of probe: $\Phi 50$ mm \times 980mm
4. Net weight of probe: 7.5kg
5. Working condition:
 - (1) Ambient temperature: Controller on the ground: $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$
Probe under the ground: $0^{\circ}\text{C}\sim 40^{\circ}\text{C}$
 - (2) Relative humidity: Controller on the ground: $\leq 90\%$
6. Power supply: AC220V $\pm 10\%$, 50Hz; 20W
Or UPS (AC220V sine wave)
7. Measuring mode: Fix-point and timing measurement.