Shanghai Zhichuan Electronic Tech Co., Ltd.

IN-PLACE INCLINOMETER
SPECIFICATION
I. General description:

ZCT-CX100 in-place inclinometer system is a high-precision monitoring system developed by Shanghai Zhichuan Electronic Technology. It is wide range measurement, stable performance, solid and easy maintenance. The sensor probe of it has a maximum measuring range of ±30 degrees. It is suitable for geological monitoring, construction, civil engineering and other similar safety monitoring application.

ZCT-CX100 IN-PLACE INCLINOMETER SYSTEM
III. ADVANTAGES

1. High precision

Our in-place inclinometer accuracy reaches 0.01 degree. We have tilt angle platform with accuracy 0.003 degree to calibrate our inclinometer. Ensure each product satisfy the accuracy in specification.
2. High level waterproof

Each inclinometer sensor probe must be strictly tested under 120 meters depth water pressure for 12 hours. Make sure all sensor probes fulfill IP 68 waterproof level.

3. High reliability

Aging test is strictly performed for the PCB of in-place inclinometer. Keep it in aging test box with 85 °C temperature for 6 hours to ensure high reliability.

4. Excellent process

All frame components of sensor probe are high strength stainless steel. Every detail is carefully designed to ensure durability.

5. Freely customized length

There are three standard length of sensor probe unit, i.e. 1 m, 2 m, 3 m, for your selection. If these are all not suitable, we could customize the length of sensor unit as you request.

6. Wireless transmission

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7. Remote control

Measurement data is auto saved by upper software which runs on the server. End-user could remotely check and analyze tilt condition real time.

8. Highly competitive price

We would like to provide the best price even for small quantity sample order. You could surely get more discounts for future lots order.

IV. CERTIFICATIONS
V. APPLICATION CASES

1. ZCT-CX100 In-place Inclinometer Used for Sea Reclamation in Yangshan Deepwater Port Project
2. ZCT-CX100 In-place Inclinometer Used in Deng Xiaoping’s Hometown Guang’an for Landslide Monitoring
3. ZC In-place Inclinometer ZCT-CX100 Used for Station Construction in Switzerland

4. In-place Inclinometer Used for Funan Digital Mall Reconstruction Project
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VI. INSTALLATION DEMO VIDEO

Accessories: 5 pin M12 female plug with cable, M12K5ZT-L2.0m
5 pin M12 female straight plug with cable, M12K5ZT-L6.0m

Specifications subject to change without notice!

VII. CONTACT US

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