

Spherical ID Electronic Marker

#CY-GT003



Product Description

The spherical electronic marker | landmark #CY-GT003 is a low-frequency RFID buried electronic tag with a reading distance of 160CM, a working frequency of 125khz. The detection accuracy is x-y: 10cm z: 10cm. The shell is made of high-density polyethylene material, and the shell will not break when dropped from a height of 3 meters to the concrete floor.

The spherical electronic marker|Landmarker #CY-GT003 can store data for 50 years, and the factory default is a read-only ID number that cannot be copied. Available in orange, red, purple, blue, green and yellow, suitable for all underground pipeline information signs.

Spherical Electronic Marker|Landmarker #CY-GT003 is a passive circuit inside, which can prevent moisture, acid and alkali, corrosion and fully resist the drastic changes of the external environment. The whole process of product processing and production adopts the ROHS standard, and the UID code is built-in at the factory.

When in use, it is buried near underground facilities. It can store the location, depth, pipe diameter, pipe material, laying date, construction unit and date of use of underground facilities, so as to facilitate the detection and identification of underground facilities in the future, and it can also help manage daily maintenance work.

Technical Parameter

1、 Physical characteristics :

Size	11.6cm diameter ball
Weight	0.32Kg
Material	High density polyethylene
In-ball component	25% Glycol and 75%water mixture
Color	orange red purple blue green yellow

2、 Environmental characteristics :

Working temperature	-20℃~55℃
Storage temperature	-20℃~70℃
Drop test	3 meters high to the concrete floor, the shell does not break
Protection grade	IP68

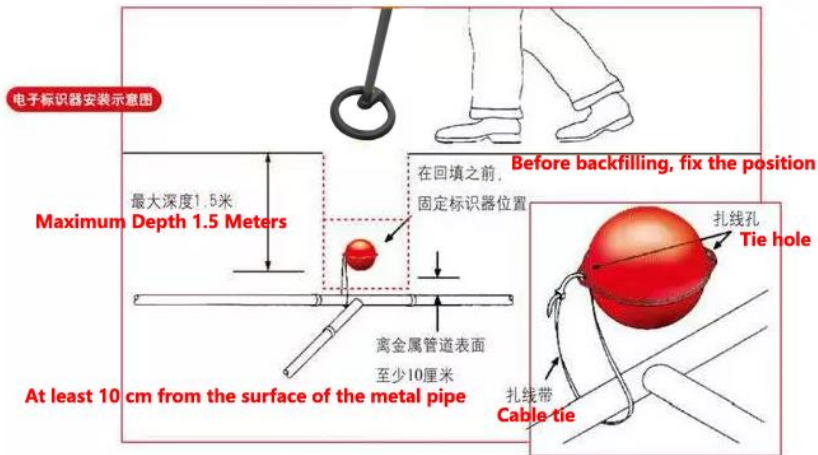
3、 Electrical characteristics :

Data retention	More than 50 years
Working frequency	125KHZ
Memory capacity	192 Bit
ID number	global unique 10bits read only factory ID code
Read data distance	160cm
Write data distance	65cm
Detection accuracy	x-y:10cm z:10cm

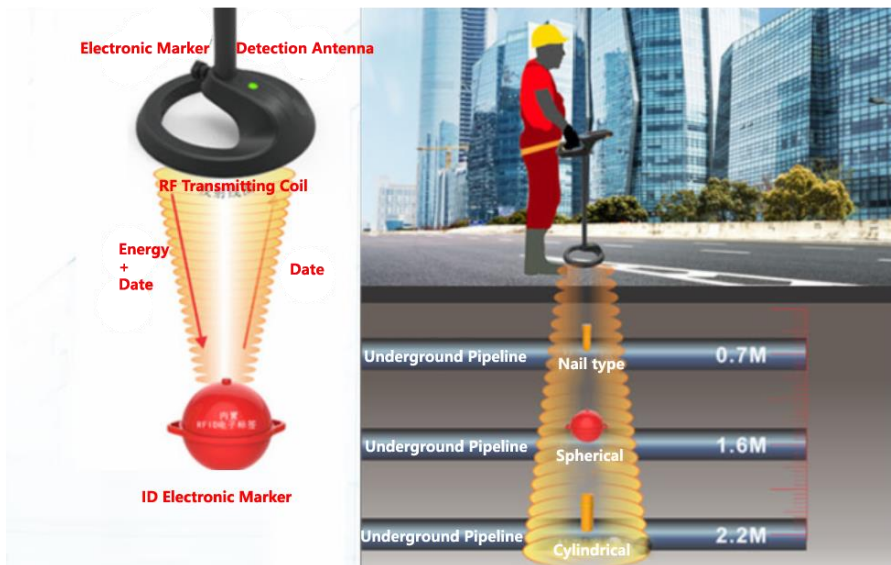
Installation Precautions

The spherical electronic marker|Landmarker#CY-GT003 has excellent anti-interference ability, but it does not rule out that the detection depth changes in some interference environments. Taking into account the height of the pavement and other factors in the future, we recommend that the ball-shaped electronic marker be buried at a depth of 0.8 to 1 meter from the ground.

Schematic Diagram Of Electronic Marker Installation



Schematic Diagram Of Detector And ID Electronic Marker Working



Same Type Products



Ordering Information

P/N	Product Description
#CY-GT003	Packing Size:30 PCS/Case Packing Qty: 62* 38*28 CM (L:W:H) Packing Weight: 15.5kg

