

UNDERGROUND MARKING SYSTEM EBEX 300



This locator can pinpoint the position of subsurface markers. The great advantage of the system consists in an object-selective location.

Thus, for example, the position of different pipe and cable lines concealed in the ground can be marked precisely and for an indefinite time. The different frequencies of these permit differentiation between several lines.

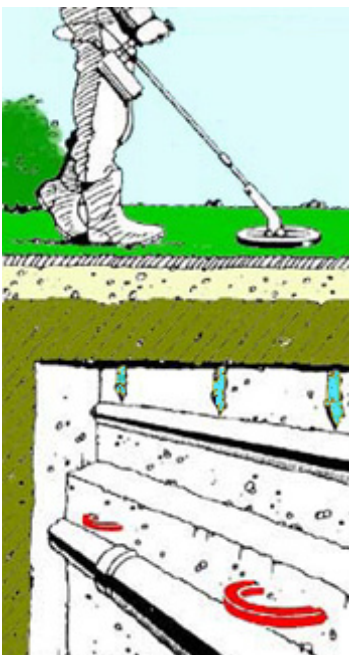
Scrap metal as well as the mineralization and ground conductivity have almost no effect on the location result. The subsurface markers can be detected even in the proximity of large masses of metal.

Since 40 years EBINGER passive subsurface markers are installed underground. With its robust design the EBEX® 300 locator is built for longtime use in adverse conditions.

Subsurface markers :

- Passive, electromagnetic subsurface markers
- Ring shaped or cylindrical
- For different marking applications
- 4 standard response frequencies
- Optional customer-specific frequencies upon request
- Watertight and resistant to weathering

In accordance with their intended use as durable markers, they are resistant to weathering and cannot rot.



In addition to the 4 standard natural resonance frequencies, they can also be supplied with customer-specific ones.

The subsurface markers do not require any maintenance, have no batteries and are designed as a purely passive devices.

The markers are excited by the low-frequency transmission signal of the **EBEX® 300** locator which forces them to emit an own natural resonance signal which is of higher frequency. This feedback is received selectively by the locator which converts it into an audio indication signal. The markers laid in the ground are frequency-coded for characterizing the line or point they are marking.