



# Sondes & Sonde Locators

**Sondes** are small self-contained battery powered transmitters. Sondes are propelled through non-metallic pipes and ducts and can be located on the surface by a sonde locator or buried utility locator with a sonde mode. Sondes are also built into other products such as a sewer push camera, robotic crawler camera, or attached to a jetter hose. Sondes come in

a variety of sizes which ties into how deep they can be located. Different frequencies are available which allow sondes to be located in metallic or non-metallic pipes and ducts.

## Sonde Range

Picture	Order Code	Model / Size (Diameter x Length)	Frequency	Depth Range	Battery/Life	End Cap	Pipe Material
<b>D18 Sonde:</b>							
	1.203.10.00001	D18 Sonde, "TT" Sonde less End Cap 0.70" x 2.48" (18mm x 63mm)	33kHz	15 ft / 4.5 M	N/A	N/A	Non-metallic
	2.203.01.00004	D18 Sonde with Eyelet End Cap 0.70" x 3.2" (18.5mm x 80mm)	33kHz	15 ft / 4.5 M	2 x SR44 button cell 10 Hours	Eyelet	
	2.203.05.00003	D18 Sonde w/ M10 Stud End Cap (Knurled) 0.70" x 3.6" (18.5mm x 92mm)	33kHz	15 ft / 4.5 M		M10 Stud	
<b>D22 Sonde: 0.87" x 4.5" (22mm x 104mm)</b>							
	1.203.15.00001	D22 9.82kHz Sonde	9.82kHz	8 ft / 2.4 M	4 x LR43 button cell 15 Hours	1/4-20 UNC and M12 Female threads	Non-metallic
	1.203.16.00001	D22 83kHz Sonde	83kHz				
<b>D23 Flexible Sonde: 0.9" x 17.3" (23mm x 456mm)</b>							
	2.203.03.00004	D23 512Hz Flex-Sonde	512Hz	20 ft / 6 M	1 x AA Alkaline 12 Hours	M10 Stud	Metallic and non-metallic
	2.203.04.00002	D23 640Hz Flex-Sonde	640Hz				
<b>D38 Sonde: 1.5" x 5.2" (38mm x 122mm)</b>							
	1.203.18.00001	D38 9.8kHz Sonde	9.8kHz	16.3 ft / 5 M	1 x AA Alkaline 20 Hours	M10 Stud	Non-metallic
	1.203.17.00001	D38 33kHz Sonde	33kHz				
	1.203.19.00001	D38 83kHz Sonde	83kHz				
<b>D64 Sonde: 2.5" x 7" (64mm x 180mm)</b>							
	1.203.21.00001	D64 9.8kHz Sonde	9.8kHz	26 ft / 8 M	1 x 9V Alkaline 15 Hours	M10 Stud	Non-metallic
	1.203.20.00001	D64 33kHz Sonde	33kHz				
	1.203.22.00001	D64 83kHz Sonde	83kHz				

Backed by Vivax-Metrotech's superior dealer network, customer service and service centers.

**Sonde locators** pinpoint the location of sondes while they are in non-metallic or metallic pipes or ducts. Sondes are also built into video inspection push cameras or crawler cameras and can also be pinpointed by a sonde locator. Our locators are compatible with many sondes, push cameras, or robotic crawler cameras manufactured by others as well as those from Vivax-Metrotech.

Vivax-Metrotech offers a choice of three sonde locators with different features. We also offer a range of sondes from 18 mm in diameter locatable at a depth of 4.5 m to 180 mm diameter locatable to 8 m in depth.

## Sonde Locator Range



**VM-540** – The VM-540 Sonde Locator comes standard with sonde/camera frequencies of 33kHz, 512Hz, and 640Hz. The VM-540 sonde locator is equipped with a “Passive” Power Mode which will detect the presence of power lines, and some metallic pipes which radiate 60 Hz from nearby or overhead power lines. Push button depth displays your depth of cover in feet and inches or metric.

- Visual and audio response
- Ergonomic lightweight design and 4.5 lbs. / 2kg
- Compact design



**vLoc3-Cam** – The vLoc3-Cam sonde locator comes standard with sonde/camera frequencies of 512Hz, 640Hz, 8.192kHz, 9.82kHz, 33kHz, and 83kHz. The receiver is equipped with two “Passive” locate modes of Power and Radio which will detect the presence of power lines, CATV, telephone and some metallic pipes which radiate 50/60 Hz from nearby or overhead power lines and induced VLF signal from nearby broadcast towers. Push-button depth displays your depth of cover in feet and inches.

- Graphical locate layout
- Sonde locate and pushrod trace modes
- Optional Bluetooth option for GPS mapping
- High visibility color 4.3”/10cm Display



**vScan** – The vScan receiver has Passive “Power” and “Radio” locate modes as well as sonde frequencies of 33kHz and 512Hz, and 640Hz. The passive Power and Radio modes can be used to sweep an area to locate live power, cable TV, or telephone lines before digging. The large high resolution, high contrast dot matrix display has an auto backlight feature for use after dusk or in areas with low lighting. With push-button depth readings and two-button operation, this sonde locator has a low training curve.

### Options:

- Data logging
- Bluetooth and GPS
- Transmitter for utility locating
- Optional Metal Detection Mode for locating lost valve covers and manholes

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