

TEHNICAL SHEET

SOIL SAMPLERS

AGRO-SONDE® VM

The special soil sampler for nitrogen remaining!



Innovation

AGRO Sonde®VM is a unique tool for the sampling of nitrogen remaining, which typically collects up to 3 horizons at a time. A mallet is specifically designed to push it down into dry and compact grounds. It is the only manual tool which allows for the collection of 3 high quality horizons simultaneously.



Quality

Thanks to its patented operating principle, AGRO Sonde®VM dissociates the pushing and the sampling processes. It ensures that the sampling respects the horizons, which remain well-separated.



Sonde A3H developed by AgroSystèmes



Rapidity

The simultaneous sampling of 3 horizons saves a significant amount of time. In addition, the 30g collected per horizons allow for a quick disposal of the sample and make sub-sampling unnecessary.



Reliability

Equipped with a chisel head to minimize friction during the push, AGRO Sonde®VM is made of extremely strong materials.



Ease of use

AGRO Sonde®VM is a simple and fast tool for top quality sampling for all types of soil. Sampling is possible even on soils with low bearing capacity (moist soils where mechanical sampling is difficult).

The crux of the functioning of AGRO Sonde®VM centers around a unique operating principle, which separates the sampling from the pushing process. Thanks to this revolutionary process, it is possible to extract 3 horizons without any mixtures and without sub-sampling.



1. L'AGRO Sonde®VM is equipped with various chisel heads, to adapt to the nature and humidity of the soil. This reduces friction and facilitates the push.



2. The principle of AGRO Sonde®VM allows for direct sampling over 3 horizons. The separation of the pushing process and sampling ensures there is no risk of horizons getting mixed up.



3. A mallet has been specially designed to ensure that the strike is more comfortable in dry or compact conditions (less resonance and more inertia during the process, thanks to a mobile shot inside the hammer)

The kit includes the following accessories: no kickback nylon mallet / wire brush / 3 chisel heads with different diameters / box for soil collection / certificate of guarantee







INFORMATION :

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CHOOSING THE RIGHT SOIL SAMPLING TOOLS

	AGRO Sonde A3H	PRO Sonde	AGRI Sonde	TECHNI Sonde	Soil sampler Vrille	Soil sampler Hélicoïdale
						
Use	Nitrogen remaining	Nitrogen remaining and soils	Soil	Soil	Soil	Nitrogen remaining and soils
Principle	Chisel+head	Chisel+head	Chisel+head	Chisel	Drill	Edelman
Percussion	YES	YES				
Footrest		YES	YES			
Maximum depth (cm)	90 cm	30 cm or 60 cm	30 cm	30 cm	50 cm	90 cm
Setting the depth (via adjustable disk)		YES	YES			
Chisel head replacement	YES	YES (BLADE)	NO			
Suitability for compact / rocky soils	X X X	X X X	X	X X	X	X X X
Suitability for sandy / filtering / dry soils	X X	X X	X X	X	X X X	X
Rapidity	X X	X X X	X X X	X X X	X X	X
Light weight	X	X	X X	X X X	X X	X X X
Reduced footprint	X X	X X	X X	X X X	X X X	X X
No-mixture of the horizons	X X X	X X X			X	X
Least amount needed for a representative sample	X X X	X X X	X X X	X X	X X	X