



# Vacuum probe system



Advanced technology  
to ensure the best  
control of your crop

# SAV2000

# Vacuum probe system SAV2000



The SAV2000 is a depth probe designed to perform a deep, quick and easy evaluation of grains stored in silos or warehouses.

## SAV2000 facilities and technology

The pneumatic system of the SAV2000 is used to transport granulated products in pipes through compressed air and vacuum. Using this principle and a suction cyclone with a high rotation armored motor, the probe shifts the grain sample from the end of the double-walled duralumin tubes to the surface.

- **Withdrawal of samples:** The probe can be used for the withdrawal of samples of the stored grains, in a continuous way as well as in static points. According to the degree of compaction and the type of grains it is possible to reach depths of up to 20 meters in the catchment, and the work is carried out by only two people.

**Fumigation:** Preservation, control and decontamination.

- With the use of a specific and suitable tip, SAV2000 can also be used for the insertion of tablets or insecticides and pesticides in depths, guaranteeing better results in the fumigation of insects and pests.

## Specifications

Cyclone *	
Operating voltage	220 Volts — Single phase
Power frequency	60 Hz
Power	1,9 Hp @ 13.000 RPM
Finishing	High strength epoxy paint

## Set dimensions

Hight	Adjustable from 100 to 118 cm
Lenght	38 cm
Width	36 cm
Cyclone net weight	17 kg

(\*) Manual activation, fully sealed to avoid sparks.

## Optional

- 1 meter length extension modules (rods)
- Tip for corn or soybeans
- Tip for wheat, rice, barley or similar grains
- Special fumigation tip

## Accessories

- **Cyclone and base:** Pneumatic pressure generator with own reservoir for up to 5 kg of sample. The cyclone also has a base that allows height adjustment.
- **Hose:** Developed in flexible material with five meters in length to be coupled to the cyclone and rods.
- **Curved tube:** Designed to attach the hose to the rods.
- **Crosshead:** Quick-connect metallic equipment to facilitate insertion and removal of the set of extension modules (rods) and tips in the grain mass.
- **Pliers:** Device designed to facilitate the coupling and uncoupling of the nozzles and extension modules.
- **Bags:** The SAV2000 comes with two reinforced canvas bags to carry the extension modules (rods), tips and other accessories that make up the equipment.

**Important note:** Operators of the SAV2000 vacuum probe must make use of personal protective equipment (PPE) suitable for the activity, environment and location of use. The PPE are not provided by Gehaka and their use is the sole and exclusive responsibility of SAV2000 users.



Safety Glasses



Safety Shoes



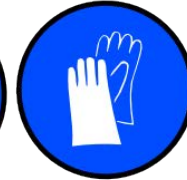
Hearing Protection



Respirator



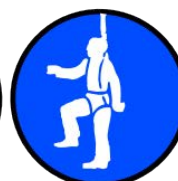
Full Face Shield



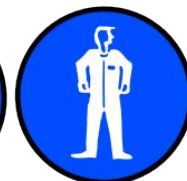
Gloves



Welding Shirts/Arm Bands



Fall Protection



Apron/Chaps

Tel.: +55 (11) 2165 1100  
sales@gehaka.com.br  
www.gehaka.com.br

