

Piglog 105



Lean meat management tool for live pigs

The Piglog 105 is an advanced ultrasound scanner for measurement of backfat and loin muscle thickness on live pigs and for indication of lean meat content for profitable breeding management.

The system is a compact, fully portable scanner and data-logger, which can store information from up to 1,000 animals. Various standard programs allow for registering information about the pigs. This information can be used to track the growth, the daily gain and other information on each animal. A few software versions are available with a test block option.

The Piglog 105 is robust and designed for long use in tough environments. The set-up and cleaning of the unit requires very little time and effort. The Piglog 105 is delivered in a flight case for protection and easy storage.

Measuring principle

Piglog 105 is equipped with a formula for calculating an indication of the lean meat percentage. The formula uses the measurement of backfat and the loin muscle thickness, done at a specific position on the animal.

Each measurement is calculated on the basis of reflection curves from eight sound waves emitted into the animal. If the reflection curves are consistent, the advanced software will analyze them. If not, Piglog 105 will repeat the sequence. All within seconds.

Management tool

As the backfat thickness has a direct correlation with the fat content of the pig, the Piglog 105 is an excellent tool for correct evaluation of the sow's condition. Thereby, it is easier to scale the feed up or down, or to determine the right time for insemination.

Why the Piglog 105!

- Management tool - accurate growth evaluation of lean potential from live pigs in a cost-effective manner
- Measurement of backfat for evaluation of sows' fat condition
- Compact and fully portable scanner
- Robust design for tough environments
- Easy to operate and very little maintenance
- Fat measurement within 5 seconds
- Consistent and reliable results
- Data-logging capacity of up to 1,000 animals
- Rechargeable battery - approx. 4-6 working hours



Measuring output

Piglog 105 measures all fat layers as well as loin muscle thickness with high accuracy. The measurements are stored in the memory and can be downloaded to an office computer within a few seconds.

A standard serial cable (RS-232) for data transmission to your PC and a special PC program are included.

Technical data

	Measuring range
Fat layers*	5-50 mm/0.2-2.0"
Loin muscle thickness*	30-70 mm/1.2-2.8"

*Piglog 105 measures a maximum of 100 mm in total



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