



METAL SHARK® 2 Technology Bulletin

METAL SHARK® 2 Technology

Multi Frequency

Cassel's METAL SHARK® 2 has multi frequency, computer controlled and auto setup within seconds to perfectly suit the current product. The Digital Signal Processor auto selects the best frequency out from a library of >200 frequencies.

Multi Frequency

- Best sensitivity for all kind of products (dry, wet, frozen etc)
- Auto selection of best frequency

Digital Phase

METAL SHARK® 2 is using extreme precise digital phases and replaces common analogue phase shifts. The precise and stable phases guarantee long term stability of highest metal detection, without the need of further calibrations.

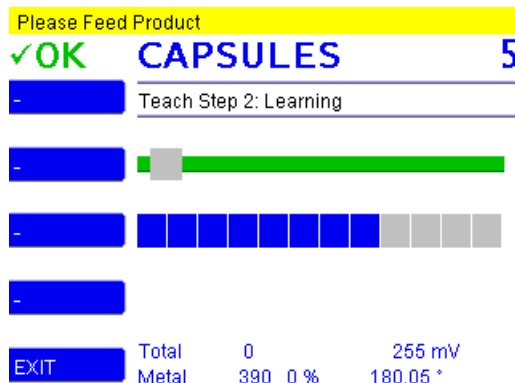
Digital Phase

- Stable product teach results
- Always perfect phase calibrations, free of maintenance service

METAL SHARK® 2 Technology

Ease of Use

First and foremost a metal detector should be as easy as possible to use. The METAL SHARK® 2 assists the user with yellow highlighted help text, telling precisely what to do next. Through the graphic user interface (GUI) fits the system flawless into the users normal workflow and daily activities.



METAL SHARK® 2 Technology

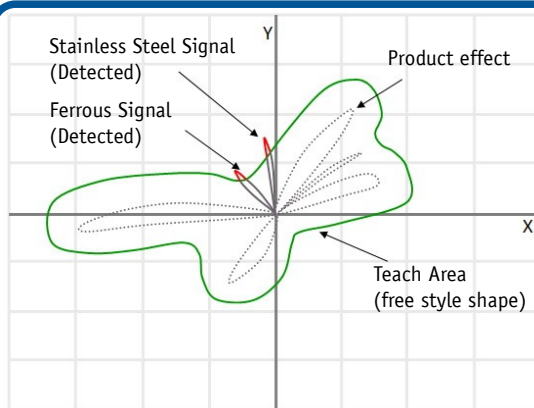
Four-Quadrant-Technology

The **METAL SHARK® 2** has the revolutionary new **4-quadrant technologies**, for very stable and high sensitivity along with product effects. The four quadrant technologies is the latest technology in metal detection and delivers outstanding performance along with exceptional ease of use and consistent, reliable detection.

Four-Quadrant-Technology

- Highest sensitivity with difficult products
- Auto teach from few product samples only

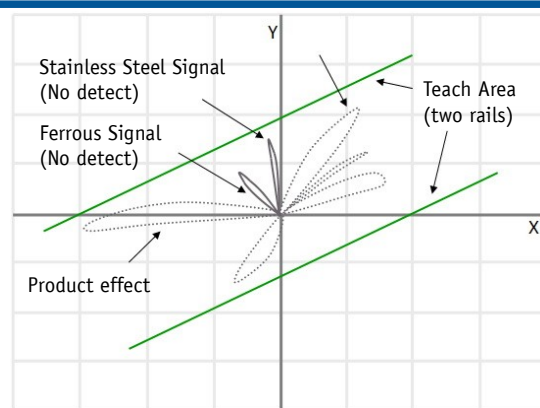
METAL SHARK® 2 Technology



Cassel's METAL SHARK® 2

Free style teach area

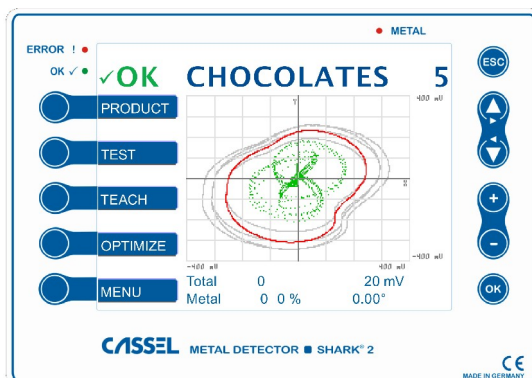
With the new METAL SHARK® 2, the teach area is pre-determined according to product effect with free style four-quadrant technology. Metal signals are detected because the teach area is minimized.



Common metal detectors

Two rail teach area

Common metal detectors pre-determine the teach area according to product effect with very simple two rails. Some metal signals are unable to be detected because they fall inside the two rails area.

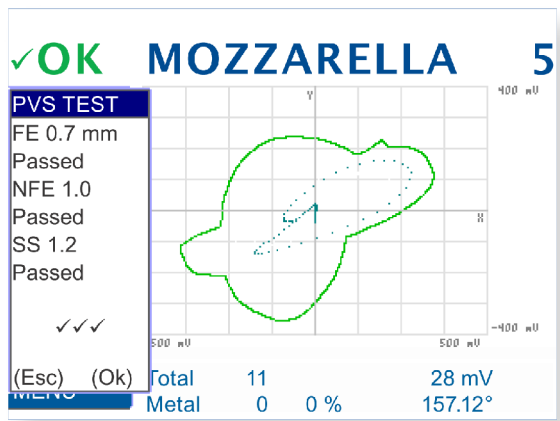


The METAL SHARK® 2 four-quadrant-technology offers higher sensitivity than common metal detectors.

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PVS Performance Validation Test

To make sure that the metal detector works according to all quality standards the METAL SHARK® 2 prompts the appropriate metal test ball size. All PVS tests are documented automatically.



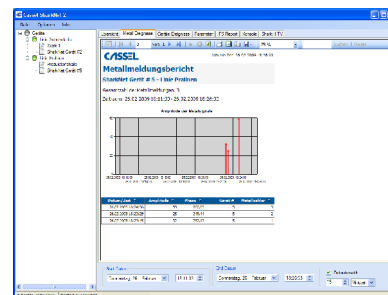
Reporting Included

IFS- and HACCP-Report – The METAL SHARK® 2 displays and prints complete quality reports at the touch of a button. Ethernet ready.

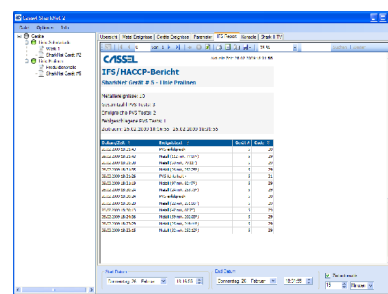


SHARKNET® 2 Windows Software

Total quality control. The SHARKNET® 2 Software networks all METAL SHARK® metal detectors with one Windows computer. HACCP, GMP, IFS and other reports are automatically recorded into a SQL database. Paper printed reports are available. The software allows remote control of METAL SHARK® 2 metal detectors, e.g. change product numbers out from a separate office, or even through Internet around the globe.



SHARKNET® 2 Metal Report.



SHARKNET® 2 IFS/HACCP Report.

METAL SHARK® 2 Technology

Metal Detection, X-Ray and Weighing-Systems



GF



Checkweigher



BD



PH



IN LIQUID



X-Ray



As a manufacturer Cassel is committed to highest quality standards. For more than ten years our goal has been to ensure the quality of your products. We have earned our reputation by protecting yours. We supply customers in different industries worldwide such as Foods, Plastics, Pharmaceuticals, Textile, Timber and Mining. Our headquarters and state of the art manufacturing facility are located near Hannover in the heart of Germany. Each year we manufacture and deliver over 1000 metal detection systems. Approximately 80% of the production is heading for export markets. We have a worldwide network of partners and representations. This way we ensure that you get the very best service and support no matter where you use one of our metal detectors.