

## **SHARKNET® 2**

**Windows-Software for  
metal detectors and checkweigher**

# SHARKNET® 2

## Data logging – Online support – Batch control

### Funktion Description

The SHARKNET® 2 Software networks all METAL SHARK® metal detectors and checkweigher with one Windows computer. All devices are shown online on the Windows monitor. Operating data for HACCP, GMP, IFS, Batches and other reports are automatically recorded into a SQL database. The software also allows remote control of METAL SHARK®-2- metal detectors, e.g. change product numbers out from a separate office.

SHARKNET® 2 simplifies reporting for HACCP, GMP and IFS compliance. The software collects all the required data and prints out any user defined report requests. Additionally, the software monitors the metal detectors and shows the operational status:

*Metal detections*

*Product numbers and names*

*Error messages*

*Performance Validation Tests and Results*

*All parameter setups and amendments*

*Checkweigher: Batch Reporting*

SHARKNET® 2 is easy to use and intuitive. Operation is simple with installation into the familiar Windows environment. All functions are called up by mouse click. All metal detector data will be displayed by point-and-click on the particular icons.

The database and archive function enables the recall of any previous time span. For instance it is possible to prove that metal detection was active during any historical production batch.

### System Requirements

Windows XP or Vista operating system

CPU with 1 GHz or higher

1 GB RAM, CD-ROM or DVD

100MB harddisk space

SVGA Monitor (resolution 1024x768)

Ethernet or WLAN 10/100 Mbit (for SHARK®-2-)

### Scope of operation

#### Data communication:

METAL SHARK®-1- (via RS485)

METAL SHARK®-2- (via Ethernet)

WEIGH SHARK® (via Ethernet)

Mixed operation of SHARK®-1- and SHARK®-2- within the same SHARKNET® 2 software is possible.

Connects up to max. 255 SHARK® devices.

Data storage in a SQL database. Microsoft SQL-Express database software is included.

#### Report functions in Windows and Printing:

IFS/HACCP/GMP Report, parameter sheet, graphic and text report of metal events with metal detectors.

Batch and average weight reports with checkweighers.

#### Filter functions:

Show events for specific time span only, Show specific events only (Metal, Error, Test, metal frequency, mV and phase, others)

#### SHARKNET® 2 language for Windows:

English, German

#### Remote control language

Metal detector parameters are shown exactly as in the metal detector. Example: If the metal detector is set to spanish are the parameters in SHARKNET® 2 also shown in spanish. (SHARK®-2- only).

#### Remote control functions:

Open, save, edit, download, upload of single or entire metal detector parameter setup (SHARK®-2- only).

Display and save entire metal detector parameter setup (SHARK®-1- only).

#### Installation:

Installation via Setup installation software



Metal detector with IP address, for example IP 192.168.1.87



Checkweigher with IP address, for example IP 192.168.1.88

Ethernet switch (not included)



Ethernet cable CAT5 10/100MBit max length 100 meter



Network Printer (not included) auto prints reports

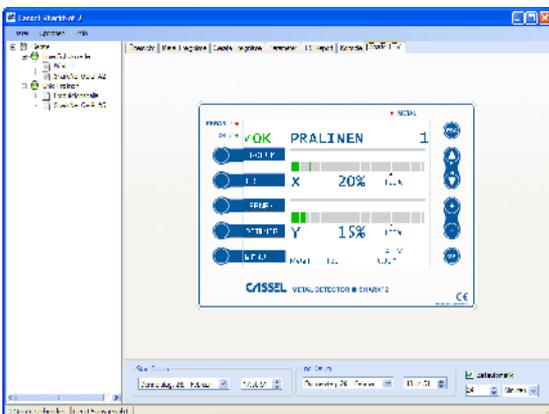


Internet, for Cassel remote support



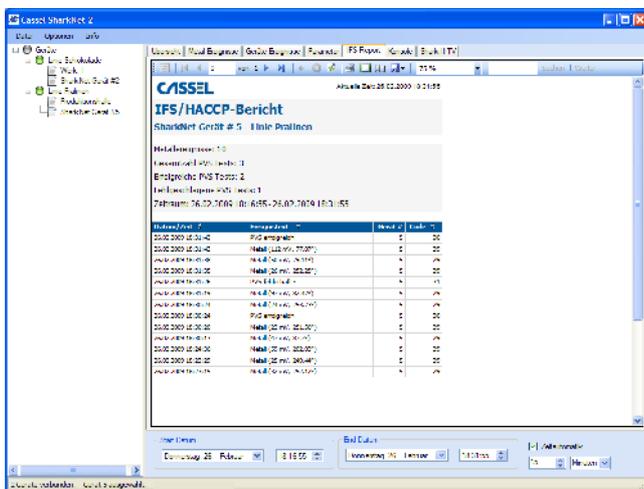
Computer with WINDOWS XP/Vista/WIN7 (not included):

- Runs SHARKNET-2 software
- auto prints HACCP/IFS quality reports
- auto prints checkweigher batch reports
- remote maintenance

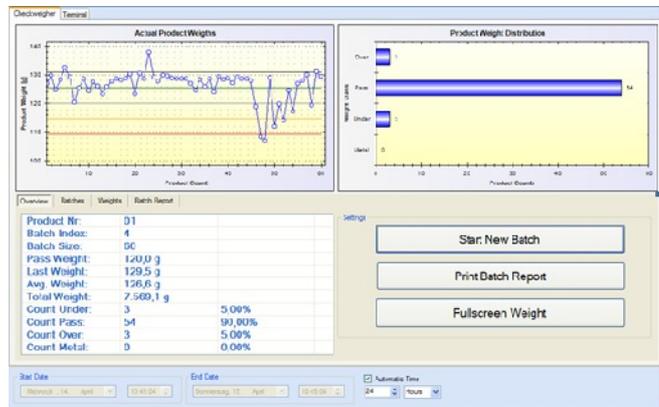


## SHARKNET® 2

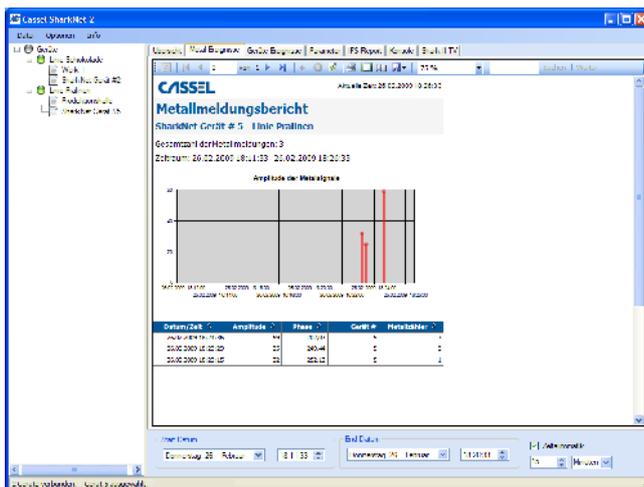
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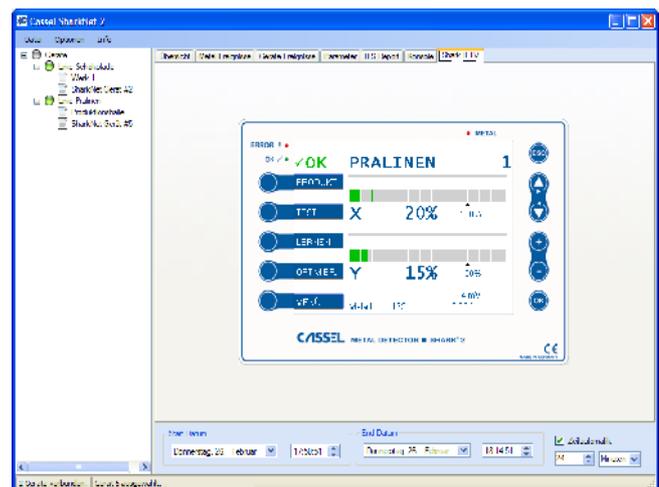
Automated HACCP/IFS report, proves the proper metal detection operation.



Batch and average weight reports (Checkweigher only).



Statistic report about metal detections. Helps to find the source of metal contamination.



Remote control (SHARK-2 controller only).

## Metal Detection, X-Ray and Weighing Systems



**METAL SHARK® GF Gravity Feed**



**METAL SHARK® Checkweigher**



**METAL SHARK® HW**



**METAL SHARK® PH Pharma**



**METAL SHARK® IN Liquid**



**METAL SHARK® IN MEAT**



As a manufacturer Cassel is committed to highest standards of quality. For more than ten years our goal has been to ensure the quality of your products. Our reputation has been earned 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. To ensure you get the very best of service and support wherever on the globe you are using our metal detectors, we have a worldwide network of partner agents.