

# KWS BEETROMETER®

The innovative beet quality analysis system

SEEDING  
THE FUTURE  
SINCE 1856



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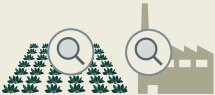



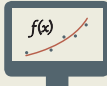






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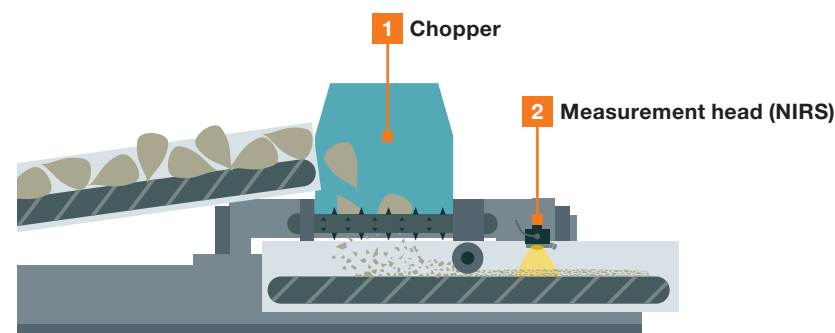
# High quality sugarbeet analysis with low efforts

Rooted in the sugar value chain for more than 160 years, KWS has shaped the development of innovative sugarbeet quality analysis. Here we present the future of beet analysis technology: KWS BEETROMETER®.

With over 10 years of experience in KWS sugarbeet breeding and more than 5 Million samples analyzed, the KWS BEETROMETER® has been established as a reliable tool for analyzing the recoverable sugar content of beets.

	Brei sample analysis	KWS BEETROMETER®
Sample Size	 Only 25g	 Up to 40kg
Flexibility	 Transport to central lab	 No transport necessary
Required Supplies	 Chemicals	 No chemicals
Maintenance	 Manually	 Fully automated
Skilled Manpower	 Many	 One
Analysis Time	 5–10 min	 20s
Probing	 Few	 All

## A flexible system for fast results



The KWS BEETROMETER® is fully automated and combines: \*

- 1 innovative sample preparation technology
- 2 highly sensitive Near Infrared Spectroscopy (NIRS).

To capture the natural variation in beet sugar content, an average of 400 measurements are done per sample.

\* Patent application reference: EP 3 305 409 A1

## Check the beet quality wherever you are



Sugar factories (F)  
KWS BEETROMETER®F400



Beet piles (P)  
KWS BEETROMETER®P400



Mobile (M)  
KWS BEETROMETER®M400