

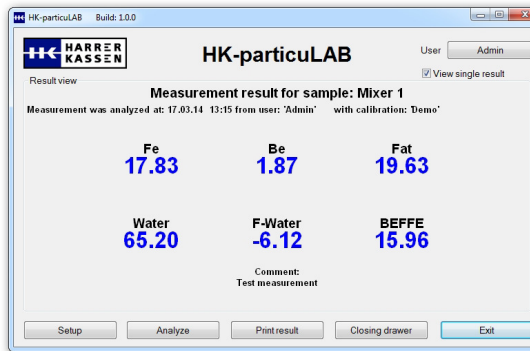
## Evaluation unit

<b>Housing:</b>	- ABS plastic
- Size HxWxD	- 340 x 375 x 255 mm
- Weight	- 9,5 Kg
- Colour	- RAL 9002
<b>Connections</b>	
- Power supply	- 100-240V AC
- PC interfaces	- USB
<b>User interface</b>	
- Operating	- 4 soft keys integrated in keypad
- Display	- 2 x 24 characters illuminated in display
<b>Ambient conditions</b>	
- Environment temperature	- -20 °C - +40 °C
- Product temperature	- >0 °C - +70 °C



## Calibration

The calibration of the particuLAB can be made either in-house (at the Harrer & Kassen GmbH) or on your own behalf with the SPECTER software!



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**particuLAB**  
NIR-TECHNOLOGY

LABORATORY INSTRUMENT

FOR SOLID, POWDER AND PASTY PRODUCTS



HARRER & KASSEN GMBH

## Unique NIR - technology!

For solid, powder and pasty products!

### Fields of applications:










- Meat processing
- Sausage processing
  - Milk powder
  - Curd
  - Cheese
- Bulk material
  - Coffee
  - Tea

### Principle:





The particuLAB is an instrument, equipped with state-of-the-art NIR- technology for rapid laboratory analysis of solid, powder and pasty products.

It is not suitable for liquid products - for those products the HK12 is suitable!

## THE FACTS!

-  Unique NIR - technology!
-  No drift of the measurement value caused by lamp aging!
-  Calibration of up to 10 organic components and 5 further components via calculation!
-  The measurement is not influenced by distance variations!
-  The measurement is not influenced by product colour!
-  Measurement in petri dishes with a diameter of 98 - 150mm!
-  Maintenance free!
-  Easy to use software!
-  You can make your own calibrations!

## OUR KNOW HOW! YOUR SUCCESS!

-  Longstanding experience in NIR - technology
-  Guarantee for constant and documented quality!
-  Saving through prevention of wastage and rejects!
-  With 9,5 Kg our particuLAB is a lightweight under the laboratory instruments!

