

Reflectance meter for sugar. Saccharoflex



Saccharoflex color meter

The saccharoflex is an electronic reflectance meter for the automatic color grading of white sugar in accordance with the recommendations of ICUMSA.

The saccharoflex measures the reflectance factors at 426 nm and 620 nm and indicates the ratio in terms of color type numbers. The instrument is based on Taylor's law using an integrating sphere. The measurement is taken over a large area relative to grain size in order to reduce errors due to variation in grain sizes. Only two standards of Braunschweig color type, preferably 0 and 6 are needed to calibrate the Saccharoflex

Quality optics, precision engineering

The Saccharoflex is designed and manufactured to exacting engineering specifications by Schmidt and Haensch.

Schmidt and Haensch has long been associated with the sugar industry and ICUMSA and has been a leader in the development of polarimetry and saccharimetry for more than a hundred years.

Their tradition of quality and innovation is evident in today's modern digital designs. The Saccharoflex instruments are well constructed and incorporate the fine optical elements typical of a Schmidt and Haensch design.

Features of the Saccharoflex

- Fully compliant with ICUMSA
- Easy to use
- Measurements up to 19.99 without adjustment
- Power saver feature for continuous operation
- Braunschweig color types

Specifications

Range	0.00 - 19.99 color units
Calibration Standard	0 & 6
Resolution	0.01 color units
Sample Cup	ICUMSA standard Container
Voltage	AC 115 volts - 230 volts

Ordering Information

Model	Topac Part Number
Saccharoflex unit including 3 sample cups, 2 spare fuses, 1 spare lamp and instruction manual.	TID 09391
Color Standard "0" 200 g	TID 09291
Color Standard "6" 200 g	TID 09292

TOPAC *The Instrumentation Company*

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