



KONICA MINOLTA

# Spectrophotometer **CM-5**

Stand alone Top-Port Spectrophotometer  
with maximum Flexibility and Versatility



Food & Ingredients



Pharmaceuticals & Chemicals



Cosmetics & Perfumes

Giving Shape to Ideas

# CM-5 Top-Port Spectrophotometer

## offering versatile usage

## and simple operation

Requirements for Colour measurement of Foods, Ingredients, Flavours & Fragrances, Drinks, Pharmaceuticals, Cosmetics and base Chemicals are especially demanding due to the extreme diversity of sample forms, from solids, powders, granules, pastes and liquids either opaque, translucent or transparent.

An instrument capable of covering this wide range of products must not only be flexible in terms of measurement methodology but even more importantly in terms of user friendliness and minimum sample preparation time to allow fast routine measurements in the laboratory or in production control.

The new Konica Minolta Bench-Top Spectrophotometer CM-5 offers exactly this combination of versatility and simplicity to cover all the requirements in a true "All in one" concept.

## Full-featured

## Stand alone instrument that

## covers all your applications

➔ The top-port concept allows easy sample positioning and measurement of solid samples. Just place the sample on the measuring port and press the measurement button.

Measuring areas with 30, 8 and 3 mm allow perfect adaption to the sample size.

Samples in paste, powder or granule form can easily be measured with the optional Petri-Dish set.



Reflection measurement of solids



Reflection measurement of paste products

➔ Simply sliding the top cover, opens the large transmission chamber to measure all kind of transparent liquids or solids, such as foils or glass plates in Transmission mode.

For liquids, glass or plastic cells of up to 60 mm path can be used, including 12.5 mm standard glass cells when using the optional adapter.



Measurement of liquids in transmission



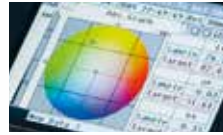
Measurement of solids in transmission





# Functions & Features that make your daily work faster and easier

- ➔ The large LCD screen shows the measurement results delete either numerically or graphically including Reflectance values, all colour systems and PASS/FAIL evaluations.
- ➔ To simplify the operation; the “Operation Wizard” is a perfect step by step on screen user guide in 7 Languages to ease operation.
- ➔ To simplify the use of the CM-5 by several people in parallel, measurement data and instrument settings can be saved on a USB stick.
- ➔ In addition to the classic colorimetric evaluation systems, the CM-5 offers measurement results of liquids to be evaluated in terms of industry specific indices (colour scales) such as Gardner, Iodine, Hazen (APHA), European and US Pharmacopeia, spectral reflectance/transmission and spectral absorbance.



## ! Top 10 Features

1. High-end Spectrophotometer with wide wavelength range
2. Top-port concept for Reflectance measurements
3. Large Transmission chamber for liquids & solids
4. Stand alone function with LCD Screen and Firmware
5. Measurement of Industry specific indices
6. Storage of user settings and data on USB stick
7. “Operation Wizard” with real time on screen user guidance
8. Firmware in 7 Languages
9. Extremely easy operation with automatic calibration
10. Compact, lightweight and functional Design

