



# COFFEE ROAST DEGREE ANALYZER



## CM-100 Plus

CM-100 Plus is a SCAA-Compliance Standard Instrument for Roast Level for Cupping



## COMPACT AND MOBILE ANALYZER CM-100 Plus

The roasted coffee analyzer **CM-100 Plus** is a compact and mobile laboratory equipment that analyzes **whole bean and ground coffee**.

It has a high accuracy and stable meter which helps you to classify roasting degree (**within 2 sec!**) or the delta between whole bean and ground to get better understanding of the roasting curve and roasting result for better quality control.

### FEATURES

- ▶ NIR photometer tells the caramelization from the coffee beans or ground.
- ▶ Same as Agtron measurements using "Gourmet" scale
- ▶ **Roast degree measuring range @ Agtron number: 5 ~ 140**
- ▶ Short warm-up time (1 min)
- ▶ One touch quick measuring key
- ▶ Long battery (up to 6 hours of continuous use)
- ▶ Support using while battery charging
- ▶ Support Auto-power off setting
- ▶ **Stores up to 200 measurement results**
- ▶ Supports measurement results output to PC
- ▶ **Software PC LogTool available to download**
- ▶ Support both SCAA and Common name
- ▶ **Supports on-site measurement results delete**
- ▶ Long calibration period (calibrate once per 2 years!)
- ▶ **Included aluminium carrying case**



### ROAST LEVEL for CUPPING

**CM-100 Plus is one of the roast level analyzers approved by SCAA in the world** which stands for a reliable, accurate instrument for measuring roasted coffee beans or ground bean.

Please visit SCAA website <https://sca.coffee/heritage-coffee-standards> section "Heritage Cupping Standards" and click + Roast Level for Cupping.



The goal is for better quality control, whether you're a coffee roasting vendor, coffee shop owner or passionate home roaster. The **CM-100 Plus** supports fast key, delivers highly accurate measurements, runs for up to 6 continuous hours per charge and is easy to carry and store!

### TECHNICAL SPECIFICATIONS

Working hours	6 h
Warm-up time	60 sec
Accuracy	Great
Housing material	ABS + Aluminium
Product size (Include bean dish)	123.4(L) x 123.4(W) x 132(H) mm
Outlook colour	Black
Measure area	49 cm <sup>2</sup>
Panel size	1.6" 128x64 mono OLED
Panel color	Red
Light	Infra-red LED
Sensor	Infra-red Sensor
Log	200 records
Operating temp	0-50° C
Storage temp	- 10 to 60° C
Power consumption	1.7W
Charging power	5V, 2A
Charging method	Micro-USB Port
Log output	Micro-USB cable
Battery capacity	Li-ion 1150mAh Battery



cast iron roasters



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