

SATAKE

MINI COLOUR GRADER MICG1A

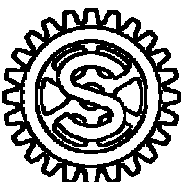
A Portable Handheld Colour Grader



The Satake MICG1A Mini Colour Grader Features:

- 1) Compact size, light weight and handheld – The compact design fits in the palm of your hand for full portability
- 2) Simple to use – Simply apply the lens to a product sample, push the button and read the colour grade from the display. The printer output terminal on the unit allows data printing by connecting with an RS232C type printer
- 3) Established colour value system – Colour difference is displayed in terms of the well accepted L*a*b* colour system which is specified by CIE International Committee and adopted by Japan Industrial Standard.

All Satake products are the subject of continuous development and, as a result, their specification may change and differ in detail from that outlined in this leaflet.



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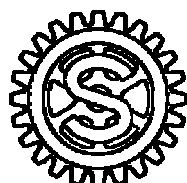
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MINI COLOUR GRADER MICG1A

Technical Specification

| | | | |
|--------------------------------------|---|--|---|
| Model | MICG1A | Display Mode | CGV (Wet), CGV (Dry), L*a*b* |
| Photo-Detector | Silicon Photo Cell | Minimum Interval Between Measurements | Approx. 1 sec. |
| Light Source | Gas-filled tungsten lamp | Display Section | 16 characters, 2 lines, Dot character, Liquid crystal |
| Illuminating/viewing Geometry | 8/d(8° Illumination angle/diffusive viewing) | Power Source | Four AA-size batteries or optional AC adapter |
| Measuring Area | Approx. Ø8mm | Operating Temperature/Humidity Range | 40° C Relative humidity: Less than 85% (no condensation) |
| Repeatability | Standard deviation within ΔE^*_{ab} 0.1 (Measurement conditions: Average of measurements of standard white plate) | Dimensions | 59(W) x 158 (H) x 85(D)mm |
| Measurement Conditions | Observer CIE 10°Standard Observer Illuminant: CIE Standard Illuminant D65 | Weight | 360g (excluding batteries) |
| Target Colour Memory | 1 channel; set by measurement | Standard Accessories | Soft case, Wrist strap, White calibration plate, Petri dish (2), Petri dish reference glass, Protective cap, Petri dish holder, AA-size battery (4) |
| Measurement Range | L*:10-100 | | |

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