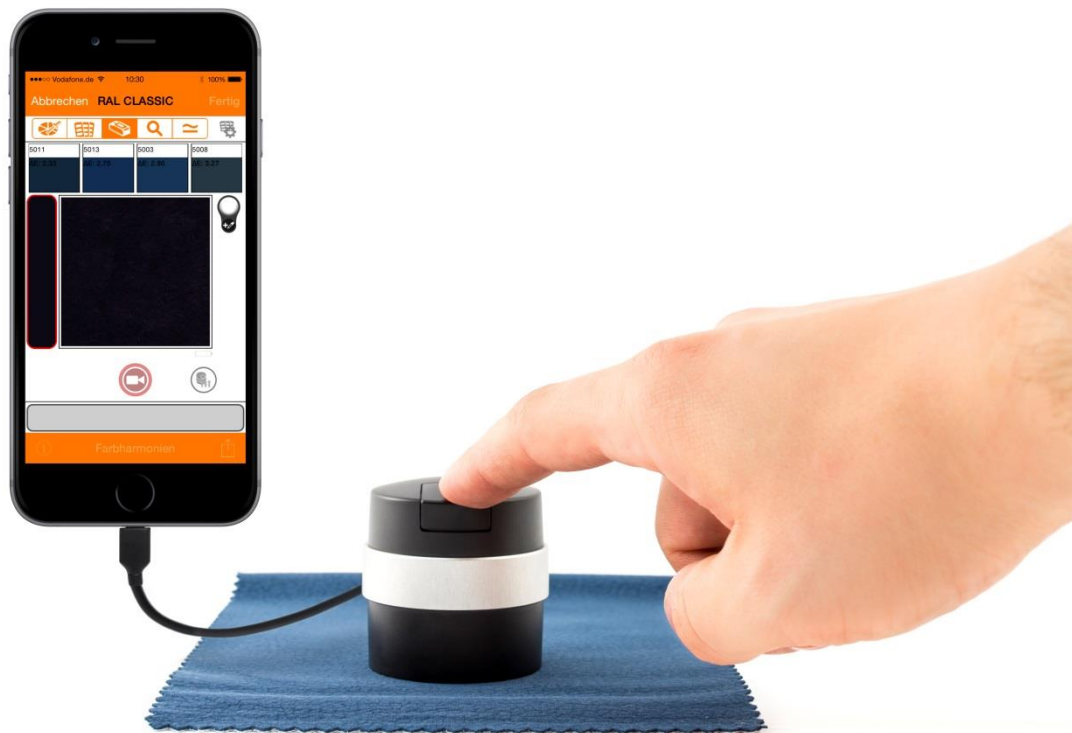


RAL COLORCATCH NANO – fact sheet



Delivery content	RAL COLORCATCH NANO colorimeter, short instruction sheets, 4 cable connections: Apple 30-pin. Lightning, USB, USB Typ micro B, 1 Password for software
Weight	NANO 60 g (incl. rechargeable battery), NANO incl. packaging 260 g
Dimensions	51 x 51 mm (Ø x H)
Packaging	140 x 80 x 65 mm
Instruction sheets	German, English, French, Italian, Spanish, Portuguese, Turkish, Dutch, Chinese and Japanese
Compatibility	iOS and Android
Image	Camera CCD 224 x 224 Pixel, 6-fold image enlargement, automatic retraction of shadow - and contaminated pixels
Calibration	Press button for automatic calibration on device
Optic	Integrated camera / optics with 6-fold enlargement, measures color from a few pixels
Geometry	45°/0°
Colour tolerance	ΔE 0.3
Measuring range	0.36 until 8 mm
Battery	Weight: 9 g, 3.7V 400 mA, 22x22x7 mm, rechargeable, Time of use: up to 6 hours, Standby: 300 days
Charging time	Via USB-connection 4 – 6 hours
Light source	9 x D65 LEDs (daylight)
Measuring process	Video capture of 50,000 pixel
Measuring precision	High accuracy when measuring colors on smooth as well as textured substrates
Measuring speed	0.5 seconds / measurement of 50,000 pixels

Comparative measuring	Shows up to 5 dominant colors and the nearest color shades in RAL, respectively other color charts activated in the app, display of LVR, L*a*b*, sRGB, CMYK and Delta E values
Handling	Start button, all functions via touchscreen
Zoom function	Magnifying glass in the touch screen allows for measurement starting at 0.36 mm
Display	Smartphone or Tablet
Interface Data	USB, Lightning, Apple 30-pin and USB type micro B
Data storage	Up to 400,000 colour references, depending on storage capacity of smartphone/tablet
Storage temperature	-20°C until +40°C
Working temperature	0°C until 40°C
Warranty	2 years, free repairs
Manufactured	Developed and manufactured in Switzerland
Other	RAL COLORCATCH NANO includes new technology (Pat. App.), measures 50,000 pixels, and automatically eliminates shadow and dirt particles to display the 5 dominant colors / measurement
Software	RAL iCOLOURS

About RAL Colours

RAL is the global language of colour. With its RAL CLASSIC and RAL EFFECT colour collections as well as the RAL DESIGN system, RAL provides colour users a multifaceted selection of precise colour samples. The RAL COLOURS palette contains a total of 2,328 colours. The RAL COLOURS product range includes colour fan decks, standards for plastics and software as well as colour design and trend books.

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