

Infrared Laser Thermometers

DIGI PLUS-LINE® Infrared Laser Thermometer

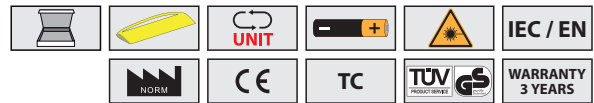
- suitable for use in industrial companies, car garages, heating, refrigeration and air-conditioning systems or the electric trade
- pistol-sized, with shiftable laser pointer
- for contactless and quick measuring of temperatures
- the devices fulfill the strict requirements of the european and national guidelines

- rugged ABS-plastic housing, resistant to breaking by impact
- large LCD display with clear reading, with backlighting
- temperature in °C / °F, Auto power-off, Data Hold function
- laser protection class II, operation temperature 0°C ~ 50°C
- humidity 10 - 80 % RH, detector: Thermopile,
- with 2 x 1.5 V battery (type AAA, art.-no. 609283)
- incl. operation manual
- **art.-no. 640313** incl. K-type temperature sensor, connection for K-type sensor adjustable emission value, averaging, Min-/Max value memory, alarm function, meas.-accuracy infrared: Object 15-35°C, ambient 25°C: ±1,0°C / Object -33-15°C and 35-500°C, ambient 23°C ±3°C: ±2°C or ±2%, the greater value applies, response time 0.5 s meas.-accuracy K-type sensor: ambient 23°C ±6°C: ±1°C or ±1%, the greater value applies
- **art.-no. 640315** emissivity 0,95 (fixed), Min-/Max value indication Meas.-accuracy ±2,0°C, response time 1 s

ART N° 640313



ART N° 640315



ART N°	Temperature Range (°C)	Resolution (°C)	Accuracy (°C)	Accuracy (°C)	measuring optics	mm	KG	ART N° CC
640313	-60 ~ +500 Infrared -64 ~ +1400 with K-type-sensor	0,1	± 2,0	± 2,0	12:1	146 x 133 x 49	0.222	649401
640315	-50 ~ +550	0,1	± 2,0	± 2,0	12:1	152 x 94 x 38	0.127	649401

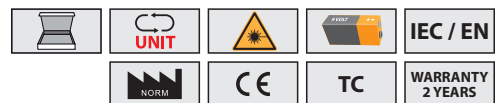
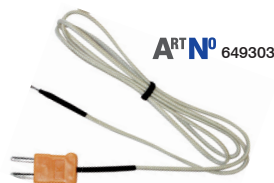
DIGI PLUS-LINE® Infrared Laser Thermometer

- pistol-sized, with K-type temperature probe and shiftable laser pointer
- for quick measuring of temperatures, by temperature probe or contactless
- the devices fulfill the strict requirements of the european national guidelines

- rugged ABS plastic housing
- large LCD display with clear reading, with backlight
- temperature reading in °C / °F, with shiftable laser pointer
- autom. power off after ~ 20 sec., response time < 0.5 sec., laser protection class II
- data hold function for short memory time of the measuring value, Min/Max-function
- average value selectable, with battery indicator
- storage temperature -10° ~ +60°C, operation temperature 0° ~ +50°C
- relative humidity 10 - 90% RH, emissivity adjustable
- incl. 1x 9 V battery (type 6LR61, art.-no.: 609281)
- with readiness bag and operation manual

ART N° 640317

ART N° 640314



ART N°	Temperature Range (°C)	Resolution (°C)	Accuracy (°C)	Accuracy (°C)	measuring optics	mm	KG	ART N° spare probe	KG
★★★★☆ 640314	-30 ~ +550	0.1	±4.0 / ±4%	± 1.0	12:1	170 x 135 x 50	0.130	649303	0.030
★★★★☆ 640317	-50 ~ +920	0.1	±2.0 / ±2%	± 1.0	16:1	170 x 135 x 50	0.130	-	-

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★★★★★ DIGI PLUS-LINE® Electr. Digital Moisture Meter

- for measurements of wood moisture, paper, building materials, etc.
- with 4 contact pins

- rugged, polyamide housing material
- large LCD display with clear reading
- On/Off button, data hold button
- autom. power off, battery indicator
- setting the upper limit of the moisture ratio
- storage temperature -10°C ~ +60°C, operation temperature 0°C ~ +40°C, rel. humidity <70% RH
- incl. 1x 9 V battery (type 6LR61, art.-no. 609281) with operation manual



ART NO	wood	eye	max.	mm	KG
641006	5% - 40%	1.0 %	± 1.0% Rh+0.5	129 x 63 x 32	0.115

★★★★★ DIGI PLUS-LINE® Electr. Digital Moisture Meter

- for measurements of wood moisture, paper, concrete, building materials, etc.
- measurement via back-installed sensor plate
- with selection of 10 different wood densities

- rugged, polyamide housing material
- large LCD display with clear reading
- On/Off button, mode button for settings, button for wood density selection
- autom. temperature compensation, with self-calibration function
- autom. power off, battery indicator
- setting the upper limit of the moisture ratio
- storage temperature -10°C ~ +60°C, operation temperature 0°C ~ +40°C, rel. humidity <70% RH
- incl. 3x 1.5 V battery (type AAA, art.-no. 609283) with operation manual



ART NO	wood	eye	max.	mm	KG
641007	4% - 80%	0.5 %	± 1.0% Rh+0.5	132 x 67 x 25	0.125

★★★★★ DIGI PLUS-LINE® Electr. Digital Moisture Meter

- for measurements of wood moisture, paper, carton, building material, grain, etc.
- with insulating peel
- measurement via 2 external contact pins

- rugged, polyamide housing material
- large LCD display with clear reading
- On/Off button, data hold button, button for wood density selection
- button for selection of moisture measurement /temperature measurement in °C or °F
- battery indicator, with backlight
- setting the upper limit of moisture ratio, rel. humidity <70% RH
- storage temperature -10°C ~ +60°C, operation temperature -10°C ~ +40°C
- incl. 4x 1.5 V battery (type AA, art.-no. 609282) with operation manual



ART NO	wood	eye	max.	temperature	temperature	max.	housing	KG
641008	2% - 70%	0.5%	± 1.0% Rh+0.5	-10°C - 60°C	1°C / 2°F	± 2°C / ± 4°F	174 x 38 x 73	0.406

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Sound Level Meters, Lux Meters, Anemometer

DIGI PLUS-LINE® Electr. Digital Sound Level Meter

- for sound and noise measurements acc. to the international directives whether in industry, craft, or housekeeping
- useful device for air-conditioning, aviation industry, environmental technology
- with self-calibration

- rugged, polyamide housing material
- On/Off button, data memory for 4700 measurements, slow-/fast-button, clock- and calendar indicator
- with tripod mounting screw on the rear side, autom. power off
- large LCD display, 4-digit, with clear reading, battery indicator
- frequency range 31.5 Hz ~ 8.5 KHz, A/C frequency weighting select switch, AC/DC out put
- bar graph indicator with 50 dB scale, 1 dB step, with pre-select of min/max.-value
- microphone ½ inch, electret condenser-microphone, with detachable foam ball for outside measuring
- storage temperature -20°C ~ +70°C, operation temperature 0°C ~ +45°C, DC 6 V input port, AC analog output port
- incl. 4x 1.5 V battery (type AA, art.-no. 609282), USB data cable, software, with operation manual



Option

- charging by power supply possible, only when using rechargeable batteries!



ART No	level range dBA / dBC	dB	max. dB	linearity range dB	mm	KG	CC
641106	40-80 / 50-100 / 60-110 / 80-130	0.1	± 1.5	50	220 x 80 x 35	0.235	inclusive

DIGI PLUS-LINE® Electr. Digital Luxmeter

- utilising a silicon photo diode with filter behind a large diffusor that is connected to the device by cable ensures that the light intensity can be read in all positions without restrictions

- rugged, polyamide housing material
- large LCD display, 3 ½ digit, with clear reading
- On/Off switch, data hold switch, 3 step measurement setting function
- max. reading value 1999, test rate 0.5 s, temperature characteristic ±0,1%/°C
- storage temperature -20°C ~ +70°C, operation temperature 0°C ~ +45°C
- incl. 1x 9 V battery (type 6LR61, art.-no. 609281), carrying bag, with operation manual



ART No	LUX	LUX	max. < 10000 LUX	max. > 10000 LUX	mm	KG	ART No CC
640342	1 - 100000	1	± 4%	± 5% ± 10 Digits	± 2%	130 x 72 x 30	0.135 6494340

DIGI PLUS-LINE® Electr. Digital Anemometer

- for many outdoor applications and for several industry purposes
- for to measure the wind speed in different units
- ideal device for heating- and ventilation technician, shipping industry, etc.
- with Beaufortscale display

- rugged, polyamide housing material
- with tripod mounting screw on the rear side
- large LCD display with clear reading and backlight
- wind speed unit selection: m/s; Ft/min; Knots; Km/h; Mph
- with max.-value and data hold button, average and current speed measuring, temperature reading in °C and °F, switchable
- storage temperature -20°C ~ +70°C, operation temperature -10°C ~ +45°C
- incl. 1x 9 V battery (type 6LR61, art.-no. 609281), with operation manual



- Art. No. 641205 without data output
 Art. No. 641203 with USB data output, with external impeller, recording- and reset function, data cable and software
 Art. No. 641204 without data output, with external impeller



ART No	wind speed m/s	wing volume m³/min.	speed m/s	temperature °C	max. wing speed	max. temperature °C	mm	KG
641203	0.3 ~ 45	0 ~ 999900	0.1	0.2°	± 0.1 Digit	± 2°	160 x 62 x 35	0.265
641204	0.3 ~ 45	-	0.1	0.2°	± 0.1 Digit	± 2°	160 x 62 x 35	0.265
641205	0.3 ~ 30	-	0.1	0.2°	± 0.1 Digit	± 2°	165 x 85 x 38	0.200

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