

Weasu Solutions

EDITON

Miscellaneous



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Image Directory • Miscellaneous

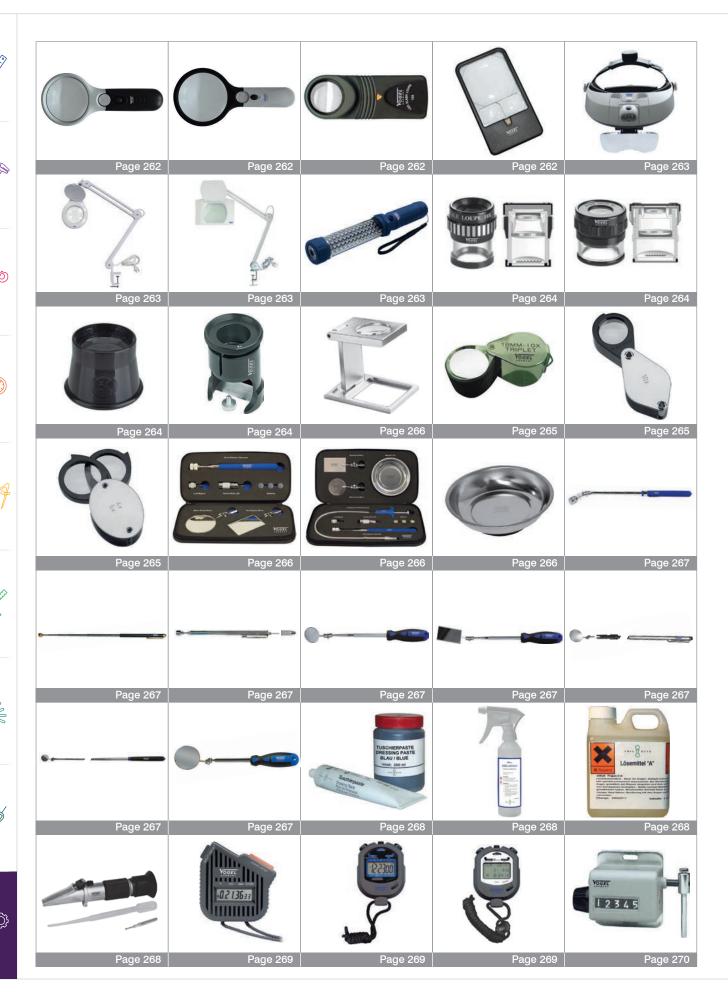


Image Directory • Miscellaneous





























Magnifiers and Lamps

LED Handheld Magnifier

- with 3 powerful bright LED ligths
- high tech optic, hardened lens surface
- frame and handle made of rugged ABS plastic
- incl. 3x 1.5 V battery (type AAA, art. no. 90002), with operation manual





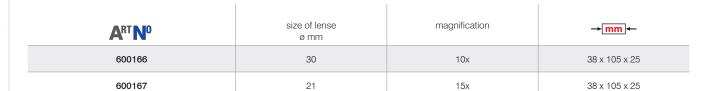
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ART NO	size of lense ø mm	magnification	quantity LEDs	LED light colour	→ <mark>mm</mark> ←
600145	75	3.00 x	3	white	195 x 85 x 30
600148	90	2.50 x	3	white	210 x 105 x 30

LED Handheld Magnifier

- · very popular model
- ailicate glass optic, scratch-resistant and solvent-resistantwith high power LED, rugged ABS-plastic housing
- · with aplanatic lens
- incl. 3x battery 1.5 V (type AAA, art.-no.: 90002)





Magnifier with LED Lamp

- · in pocket size
- with 3 magnifying lenses
- 3x, 5x and 7x magnification
- · with one extra bright LED lamp
- in a rugged ABS-plastic housing
- incl. 2x 3 V battery (type CR2032, art. no.: 90112)





ART NO	magnification field of view mm		→ <mark>mm</mark> -
601230	3x / 5x / 7x	50 x 50 / 25 x 20 / 25 x 20	117 x 61 x 9







Magnifiers and Lamps

ART N⁰ 600350

Head-Wearing Magnifier

- with swiveling LED-Lamp, detachable
 total new model with 2 powerful LED lights
- · ideal for technicians, watchmakers, electronics techn., dentists, etc.
- frame is made of high-quality plastic
- forehead and headband with adjusting screws for perfect fit
- with 5 different lenses of high-quality, with special surface treatment
- 11 magnification possibilities with 2 attachable lenses, up to 6x magnification







(€



5 different lenses

removable LED

ART NO	magnification possibility	quantity lenses	field of view mm	quantity LEDs	LED light colour	working distance mm
600230	1.00 - x/1.50 - x/2.00 - x/2.50 - x/ 3.00 - x/3.50 - x/4.00 - x/4.50 - x/	5	110 x 40	2	white	60 – 350

Professional LED Illuminated Magnifier

- · with articulated arm
- · adjustable at any position, with 360° rotation
- · metal body, powder coated,
- insulation lamp housing made of rugged plastic

 with extra large and precision glass lens, 3 dpt.
- · with table clamp, cable inside of the arm, overload category CAT I
- · with extra bright LED's, mounted around the lens



ART NO	voltage magnification		field of view mm	total throat mm
600350	230	1.75 x	ø 127	900
600354	230	1.75 x	190 x 160	900

LED Work Lamp

- modern work lamp
- · designed for universal working places
- · sturdy housing
- with rubber covered handle
- · with hand strap, ON/OFF pressure switch
- 52 bright white LED's at the side and one LED at the top
- incl. 3x 1.5 V battery (type AA, art. no.: 90003)







→ <u>mm</u> ←	



















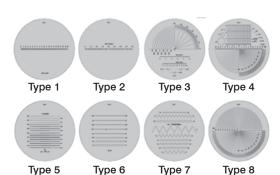
Magnifiers and Lenses

Precision Technical Magnifier

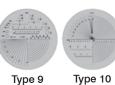
- · with LED-Light and exchangeable scales
- tempered glass-lenses, housing made of aluminium / ABS / PE
- delivery with crosshair at:
 art. no. 601126 = 10 0 10 mm scale, graduation 0.10 mm, scale-ø 26 mm
 art. no. 601135 = 12 0 12 mm scale, graduation 0.10 mm, scale-ø 35 mm
- adjusting by focus-ring, exchangeable measuring scales
- attachable LED unit, bright, white LED light
- incl. 3x 1.5 V battery (type LR41, art. no.: 90203)

Exchangeable Scales

• tempered glass lenses, please mention type code and outside diameter!







ART N⁰ 601126





ART N⁰ 601135



Type 10 Type 11 Type 12

LR41 1,5V

ART NO	size of lens ø mm	magnification	→ <mark>mm</mark> ←
601126	18.50	10 x	95 x 70 x 65
601135	21.00	10 x	95 x 70 x 65

Watchmaker Magnifiers and Stone Magnifiers

- · suitable for craftsmen and industry
- biconvex silicate lens
- flame resistant plastic housing, with air hole to cope up with steaming



ART NO	size of lense ø mm	magnification
600194	25	7 x
600195	25	10 x

Technical Stand Magnifiers

- with measuring scale
- · for precise measurements between scale lines, spaces, etc.
- adjustable aplanatic lens
- black chromed metal housing
- · stainless steel scale, with clear graduation







More scales as spare part are available on request!



ART NO	size of lense ø mm	magnification	length of scale mm	mm	possibility of reading mm	CC
600178	20	10 x	10	0.10	0.025	on request
600180	20	8 x	10	0.10	0.025	on request
600179	20	6 x	20	0.10	0.025	on request



Magnifiers and Lenses

Linen Testers

- product for highest demands
- biconvex lens, optically ground silicate glass
- · precision brass body, satin chromed



ART NO	size of lense ø mm	magnification	height mm	cut-out mm
600200	12.50	12x	23	10 x 10
600201	14.50	10x	27	15 x 15
600202	17.50	8x	33	20 x 20
600204	31.50	5x	53	30 x 30

Precision Folding Magnifier

- popular technical folding magnifier
- compound triple lens, aplanatic lens precision glass optic
 polished chrome plated metal housing, with loop
- · metal lens frame, wrapped with black rubber





ART NO	size of lense ø mm	magnification	→ <mark>mm</mark> ←
600150	18	10x	35 x 23 x 18

Precision Folding Magnifier

- proven technical folding magnifier
- · precision glass optics
- · satin chrome plated brass housing, with loop
- · black lacquered metal lens frame



	size of lense	magnification	type o	f lense		
ART NO	ø mm	magnification	aplanatic	biconvex	→ mm ←	
600153	20.30	10x	✓	_	39 x 39 x 34	
600159	30.00	4x + 6x = 10x	_	✓	42 x 27 x 56	





















Inspection Tools

Inspection Tool Kit

- multipart set, especially for garages, mechanics, plumbers, etc. well assembled kit for professional users

5-piece set, contents:

- stainless steel telescope bar with quick release, non-slip grip, 530 mm working length
- socket with ultra bright NICHIA LED-Licht, incl. 3x 1.5 V battery (type LR44, art. no.: 90213)
- socket with powerful magnet, 8lb, for to pick up and hold metal objects in hard to reach places
- inspection mirrors, with perfect reflection, no deterioration in the mirror mounted in a stainless steel frame, 360° rotatable, one mirror in ø 50 mm and one mirror rectangular 60 x 40 mm

7-piece set, contents:

- quality claw pick-up device, semi-rigid hose, 400 mm length
- stainless steel telescope bar with quick release, non-slip grip, 530 mm working length
- socket with ultra bright NICHIA LED light, incl. 3x 1.5 V battery (type LR44, art. no.: 90213)
- socket with powerful magnet, 8lb, for to pick up and hold metal objects in hard to reach places
- inspection mirrors, with perfect reflection, no deterioration in the mirror mounted in a stainless steel frame, 360° rotatable, one mirror in ø 50 mm and one mirror rectangular 60 x 40 mm
- stainless steel tray, ø 110 mm, with powerful permanent magnetic bottom for small parts





ART Nº 474471







LED

telescope

bar

mirror

ø 50 mm



	INOX	LR44 1,5V	C€
mirror 60 x 40 mm	magnet	claw pick-up	magnetic tray
✓	✓	X	X

→lımlımı**l**-

7-pcs.

Magnetic Tray

ART NO

474470 474471

- stainless steel, polished
- with powerful permanent magnet bottom



INOX	

ART NO	Gauss	→mm
474475	1000 – 1200	ø 150



Inspection Tools

Magnet Lifter

- professional model for the technician
- · with quick release and telescope bar
- · socket with magnet
- telescope bar, stainless steel
- 360° rotatatable and swivel joint
- · insulated handle, with clip



ART N⁰ 474442

ART Nº 474452

ART N⁰ 334614

Magnet Lifter

- · with telescope bar
- · telescope bar, stainless steel, with clip
- · art.-no. 334614 additionally with scriber

ARTAIO	→ mhml	
A"N°	mm	kg
474442	~ 530	3.5
334614	~ 650	1.0

Professional Inspection Mirror

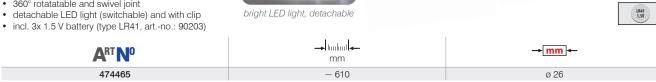
- · with telescope bar
- · stainles steel telescope bar
- 360° rotatatable and swivel joint
- · insulated handle

ART NO	→luuluul ← mm	→ <mark>mm</mark> ←
474452	~ 610	ø 40
474453	~ 620	ø 50
474454	~ 620	43 x 65

ART **N**⁰ 474454

Professional Inspection Mirror

- with telescope arm and LED light
- · stainless steel telescope bar
- 360° rotatatable and swivel joint



Professional Inspection Mirror

- with 5x magnification and telescope bar
- stainless steel telescope bar
- 360° rotatatable and swivel joint
- · insulated handle



ART N⁰ 474460

ART NO	→limliml mm	→ <mark>mm</mark> ←
474460	~ 610	ø 24
474461	~ 510	ø 55













INOX















Liquid Measuring

EMIL OTTO • Dressing Paste

- the test pieces are covered with the dressing paste, then moved one after the other or on a dressing plate: by this the paste forms a colour coat, showing the eveness
- · easy to remove
- 2 different colours available
- · delivery in a tube or in a plastic box



ART NO	colour	contents ml	tube	box
262631	blue	80	✓	_
262632	blue	250	_	✓
262641	red	80	✓	_
262642	red	250	_	✓

EMIL OTTO • Special Cleaner

• this cleaner dissolves dressing paste, marking ink etc.

- skin friendly (art. no.: 262645)
- · delivery in a spray can or canister







ART N⁰ 653200

ART NO	contents ml	spray can	canister
262644	1000	_	✓
262645	500		_

Hand-Held Refractometer

- · refractometers are optical precision instruments for measuring the optimal concentration of liquids
- · rugged stainless stell housing with rubber handle
- with adjusting screw, folding cover, okular with rubber eye cup, quality optic

scale reading

ART N⁰ 653210

• incl. operation manual

ART N⁰ 653200









ART NO	application range	→l tuuluul ←	max.	→ <mark>mm</mark> ←
653200	lubricants, coolant liquids, fruit, juices, wines, etc.	0 – 32 % Brix	±0.20 %	170 x ø-29
653210	automotive industry (standrad)	E: -40 °C - 0 °C P: -50 °C - 0 °C B: 1.10 - 1.40 SG	±5 °C ±5 °C ±0.01 SG	153 x ø-29
653211	automotive industry (universal with Adblue) Adblue concentration, coolant liquids, antifreeze, detergents and battery acidity	Adblue: 30 – 35 % E: -40 °C – 0 °C P: -50 °C – 0 °C B: 1.10 – 1.40 SG	5 °C 5 °C 0.01 SG	170 x ø 29

ART N⁰ 653211















Stopwatches

Electr. Digital Stopwatch

- for standard requirements
- · with 2-button-operation
- · sturdy ABS-plastic housing
- · LCD display with clear reading
- start / stop / reset-addition / split / dual measuring
 incl. 1x 1.5 V battery (type SR54, art.-no.: 90310), with lanyard and operation manual





ART NO	→ luuluul sec.	indicating range hrs. / min. / sec.	LCD digits	digit height mm	→mm
580210	1/100	9 / 59 / 59.99	7	6.5	66 x 70 x 21

Electr. Digital Stopwatch • IP54

- · for standard requirements
- · with 3-button-operation
- sturdy ABS-plastic housingsplash water proof acc. to DIN 40050 / IEC 60529
- LCD display with clear reading
- start / stop / reset-lap / split / daytime / date / alarm with snooze
- art.-no. 580505 with 1.5 V battery (type LR44, art.-no.: 90213), art.-no. 580506 with 3 V battery (type CR2032, art.-no.: 90112)
- · with lanyard, protection pouch and operation manual

additional functions for art.-no. 580506

- · memory for 10 laps
- · recall of lap and split times



ART NO	→lııılıııl sec.	indicating range hrs. / min. / sec.	LCD digits	digit height mm	→ <mark>mm</mark> ←
580505	1/100	9.00 / 59.00 / 59.00	6	11	85.50 x 64.00 x 22.00
580506	1/100	9.00 / 59.00 / 59.99	7	5 / 4	85.50 x 64.00 x 22.00



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Stroke Counters

Stroke Counters

- zero reset by means of turning knobadding in one stroke direction
- the lever can be relocated at any position of the driving shaft and returns automatically to the basic position
- movement of stroke min. 38°, max. 60°
- driving shaft righthand side or lefthand side available







driving shaft at right side





ART NO	ART NO	revolution max. 1/min.	quantity of digits	digit height mm	driving shaft-ø mm	base plate mm	height mm
477001	477002	500	5	4.5	4.0	40 x 46	27.5
477003	477004	500	5	4.5	4.0	60 x 29	27.5

driving shaft at left side





ART NO	ART NO	revolution max. 1/min.	quantity of digits	digit height mm	driving shaft-ø mm	base plate mm	height mm
477005	477006	500	5	4.5	4.0	40 x 46	27.5
477007	477008	500	5	4.5	4.0	60 x 29	27.5

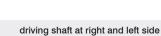
ART N⁰ 477012

1234567

Stroke Counters

- zero reset by means of detachable key
 adding in one stroke direction
- the lever can be relocated at any position of the driving shaft and returns automatically to the basic position
- movement of stroke min. 38°, max. 60°
- driving shaft righthand side and lefthand side









ART NO	ART NO	revolution max. 1/min.	quantity of digits	digit height mm	driving shaft-ø mm	base plate mm	height mm
477010	477011	500	6	4.5	4.0	60 x 70	28.0
477012	477013	500	7	7.0	7.0	120 x 64	45.0

VOGEL

Piece/Length Counters and Measuring Wheels

Mechanical Manual Piece Counters

- for counting the number of people in cinemas, at sporting events, at ski lifts, etc.
- aso for counting piece parts when taking inventory, during production or when counting traffic
- · sturdy metal housing
- available with retaining ring, table mounting or wall mounting







ART N ⁰ with retaining ring	ART NO with table mounting	ART NO with wall mounting	quantity of digits	digit height mm	housing-ø mm	base plate-ø mm
477101	477102	477103	4	4.50	47	65

Length Counter (Meter Counter)

- · zero reset by means of detachable key
- adding in one turning direction and in backwards turning minus
 standard: 5 rev. = 10 figures = 1.0 m by 20 cm measuring wheel circumference
 measuring range: 99.999,9 m (red decimal display)
- revolution max. 100 m/min. with measuring wheel
- revolution max. 300 m/min. without measuring wheel
- · driving shaft righthand side and lefthand side





driving shaft at right and left side
C GARRION C

ART NO	revolution max. 1/min.	quantity of digits	digit height mm	driving shaft-ø mm	base plate mm	height mm
477130	100 / 300	6	4.50	4	60 x 70	28

Measuring Wheels

· made from various material and with several surfaces





ART NO	measuring wheel-circumference cm	bore hole-ø mm	plastic / hytrel ribbed	aluminium / rubber nap version	aluminium / knurled
477140	20	4	✓	_	_
477141	20	4	_	✓	_
477142	20	4	_	_	✓























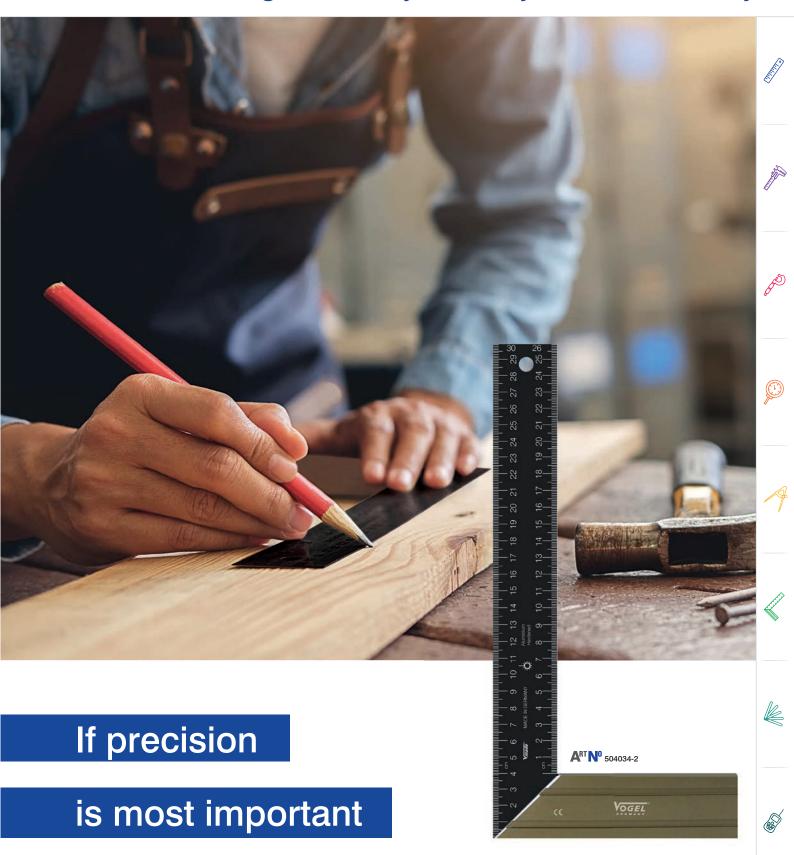




Data Processing

				l	1
	ART NO	article description		ART NO	article description
compatible with	2040101	WiFi	compatible with	3420195	USB - Mini-USB interface box with data key and with foot switch port optional, additional available: foot switch (artno.: 209011)
compatible with	2040102	WiFi Mini-USB	compatible with	230139	USB - Mini-USB interface box with data key and with foot switch port optional, additional available: foot switch (artno.: 209011)
2023100	2023100	PROXIMITY - RS232 Software	compatible with	209001	Interface USB - Mini-USB, 0.01 mm / 0.001 mm, with data key
2023101 Software	2023101	PROXIMITY - USB Software	North A	209010	foot switch made of metal, with cinch plug 2.5 mm
				209011	foot switch made of metal, with cinch plug 3.5 mm
Software	2424101	POWER - USB, external power Software		2023105	wireless data transfer transmitter module for measuring devices with proximity interface
3	2020188	USB - RS232, adapter (optional suitable for 2323100)		2023104	wireless data transfer USB receiver (up to 15 m distance)
compatible with	USB - Mini-USB (with data key) compatible with 2420192 optional, additional	USB .	2023106	wireless data transfer USB receiver Bluetooth®	
Excel		available: foot switch (art. no. 209011)		2023106S	wireless data transfer USB receiver Bluetooth®
Reg.	2420194	USB-PC - Duo-Data output interface box with data key and with foot switch port (connectivity also for Mitutoyo Digimatic measuring devices)		209000	Bluetooth [®] transmitter
compatible with		optional, additional available: foot switch (artno.: 209011)	a.	209009	Bluetooth [®] transmitter Mini-USB

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