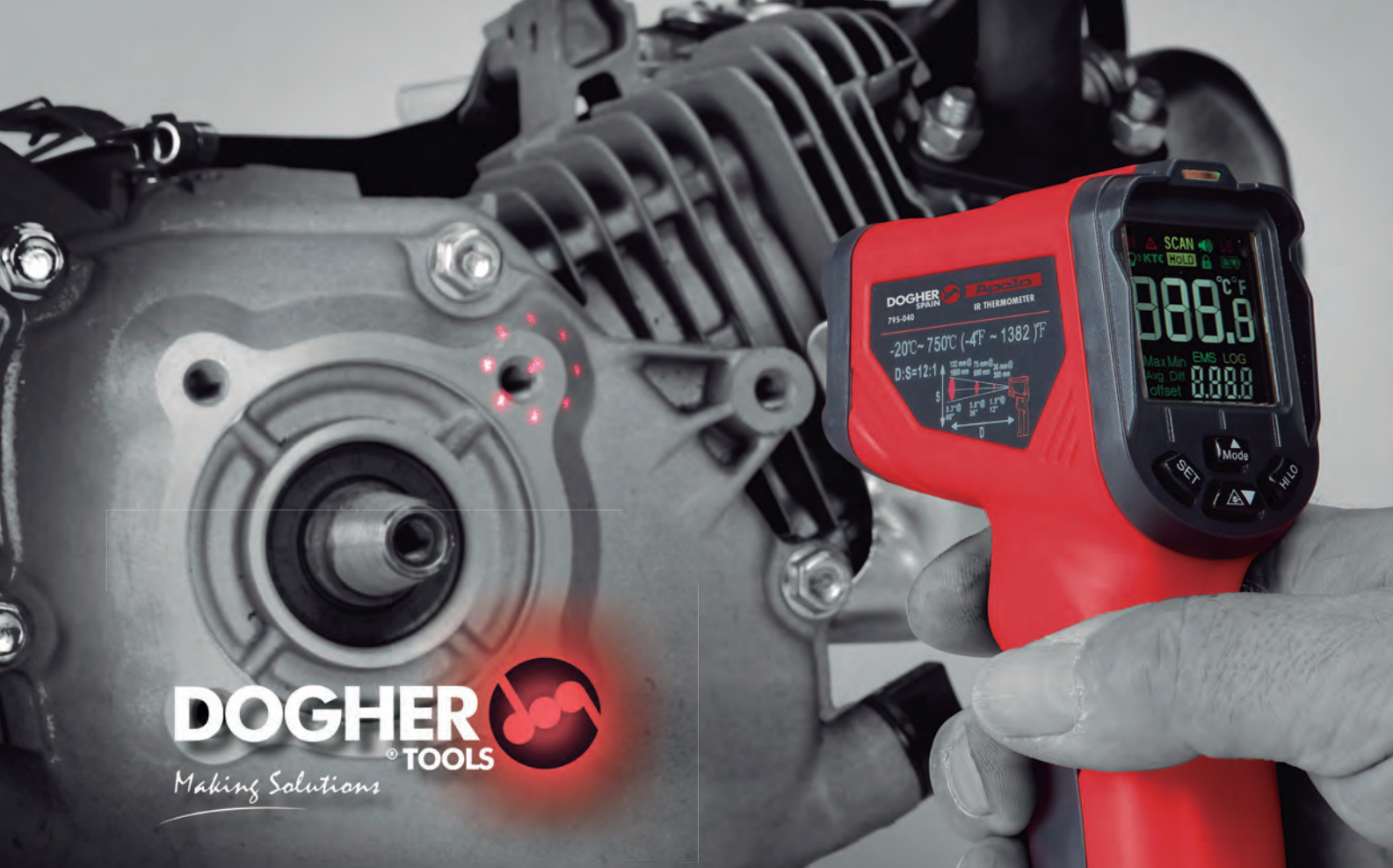




DOGHER
Making Solutions[®] **TOOLS**

	428		437
	429		438
	430		439
	431		440
	433		
	434		
	436		

Measurement
775

781

Laser distance meter

MINI PRO

50M

±2 mm
Accuracy

m

m²

m²

m³

m

MIN
MAX

Speaker icon

3.7V
370 mAh
Li-ion

USB-C

- Area
- Volume
- Distance measurement
- "Painter" function

- Continuous measurement
- Pythagoras measurement: 2 modes
- Perimetral measurement
- Min/max measurement

- Units of measurement: m/in/ft
- Acoustic signal
- Battery 3,7V 370mAh Li-ion
- USB-C connector

- Laser Class II
- Laser type: 630-670nm, <1mW



CAT II	FC	REHS	CE	CLASS II
Part N°	€			
781-01-050	61,00			



69g
80 x 37 x 20 mm



781

Laser distance meter

DIGI PRO

50M
100M

±2 mm
Accuracy

±90 mm
Angle

m

m²

m²

m³

MIN
MAX

Speaker icon

IP54

3.7V
370 mAh
Li-ion

USB-C

- Area
- Volume
- Distance measurement
- "Painter" function

- Continuous measurement
- Pythagoras measurement: 4 modes
- Min/max measurement
- Addition/Subtraction

- Units of measurement: m/in/ft
- Acoustic signal
- Display lighting
- Calibration

- Laser Class II
- Laser type: 630-670nm, <1mW
- Battery 3,7V 850mAh Li-ion
- USB-C connector

- Protection grade: IP54



CAT II	FC	REHS	CE	CLASS II
Part N°	€			
781-02-050	77,62			
781-02-100	91,90			



100g
112 x 50 x 25 mm

Reflector



785

Laser Digital Inclinometer

4x90°
2x180°

±0.1°
±0.2°
180°

<10mm

0.1°
0.05°
180°

mm/m
IN/FT
%

HOLD

2

U

IP54

650 mAh

USB-C

- Measuring range: 4x90°, 2x180°
- Angle accuracy: ±0,1 at 0° and 90°, ±0,2 at other angles.
- Accuracy: ≤10mm
- Resolution of display: 0,05° and 0,1° (at 0-180° mode)
- HOLD Retention of data and ZERO functions.

- Units of measurement: ° · % · mm/m · IN/FT
- 2 lasers (mutually perpendicular). Class II 650 ±10 nm, <1mW
- Magnetic base and back
- Protection grade: IP54
- Lithium battery (650 mAh) and connector USB-C



REHS	CE	CLASS II
Part N°	€	
785-010	83,45	



155g
85,4 x 64,9 x 38 mm



783
3 Vial Spirit Level
Al
0,5
mm/m


L mm	Part N°	€
400	783-01-400	41,44
600	783-01-600	47,36
800	783-01-800	54,97
1000	783-01-1000	64,91
1200	783-01-1200	73,16

- 3 Vial 45° · 90° · 180°
- Shockproof Protection

783
3 Vial Magnetic Spirit Level
Al

0,5
mm/m


L mm	Part N°	€
400	783-02-400	23,59
600	783-02-600	30,62
800	783-02-800	33,56
1000	783-02-1000	41,49
1200	783-02-1200	52,68
1800	783-02-1800	78,80

- 3 Vial 45° · 90° · 180°

784
2 Vial Trapezoid Spirit Level
Al
0,5
mm/m


L mm	Part N°	€
400	784-01-400	20,97
600	784-01-600	27,24

- 2 Vial 90° · 180°

785
3 Vial Torpedo Level
Al

0,5
mm/m


L mm	Part N°	€
250	785-001	26,51

- 3 Vial 45° · 90° · 180°
- Shockproof Protection

785
2 Vial Trapezoid Torpedo Level
Al

0,5
mm/m


L mm	Part N°	€
250	785-002	30,48

- 2 Vial 90° · 180°

785
3 Vial Torpedo Level


L mm	Part N°	€
235	785-003	6,79

- 3 Vial 45° · 90° · 180°

Measurement

Calipers & Micrometer



796

Stainless Steel Vernier Caliper

0,05
mm

Inox



• Lockscrew

mm	Part N°	€
0 ~ 150	796-150	58,70

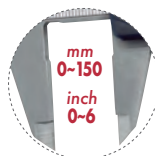
• mm & Inches Measures

797

Digital Caliper

0,01
mm

Inox



mm/inch

• Lock screw



mm	Part N°	€
0 ~ 150	797-150	94,97

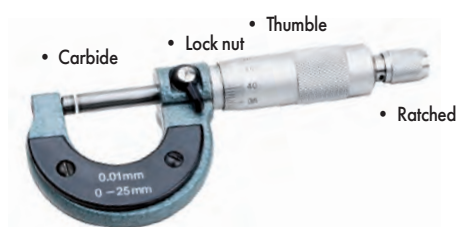
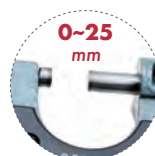


Instructions Manual Included
mm & Inches Measures

798

Mechanical External Micrometer

0,01
mm



• Carbide
• Lock nut
• Thumb
• Ratched

mm	Part N°	€
0 ~ 25	798-25	55,89



1 Metal Metric Tape



2 Manual Lock Button



3 Rubber Impact Protection



4 Safety Strap included



5 Double face marking

771

Double Face Professionals Measuring Tapes



Metal



Class II



L m	A mm	Part N°	€
3	16	771-03	9,15
5	19	771-05	13,63

772

Classic Measuring Tape Metric and Inch Scale



Metal



Class II



L m	A mm	Part N°	€
3	16	772-03	6,86
5	19	772-05	9,52

778

Classic Measure Tape



Metal



Class II



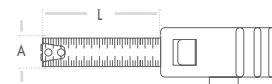
L m	A mm	Part N°	€
3	16	778-03	5,55
5	19	778-05	7,51

Part N°	€
778-03J (x12)	66,60
778-05J (x8)	60,08

130 x 175 x 200 mm

Measurement

Magnetic Measuring Tapes



775

Magnetic Measuring Tape



Nylon



Class II



L m	A mm	Part N°	€
3	16	775-03	7,32
5	19	775-05	10,90
8	25	775-08	20,82

- Push the button to lock the measuring tape
- Release the button to retract the tape

776

Double Lock Magnetic Measuring Tape



Nylon



Class II



L m	A mm	Part N°	€
3	16	776-03	6,97
5	19	776-05	10,90
8	25	776-08	20,82



777

Self Lock Magnetic Measuring Tape



Nylon

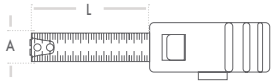


Class II



L m	A mm	Part N°	€
3	16	777-03	6,97
5	19	777-05	10,90
8	25	777-08	20,82

- Retract the measuring tape by pressing the button
- Measuring tape will keep the measurement locked in place.



779

Fiberglass Measuring Tape

Class
III



L m	A mm	Part N°	€
10	13	779-010	19,19
20	13	779-020	21,76
30	13	779-030	28,14
50	13	779-050	32,78



Double face marking

780

Fiberglass Measuring Tape

Class
III



L m	A mm	Part N°	€
30	15	780-030	41,59
50	15	780-050	57,32



Double face marking

Measurement

Squares and Rulers



792

Stainless Steel Ruler

Inox



L mm	A mm	B mm	Part N°	€
150	19	0,8	792-02-150	4,12
200	20	1,1	792-02-200	5,64
300	26	1,1	792-02-300	7,78
500	29	1,1	792-02-500	14,02
1.000	35	1,3	792-02-1000	26,45

793

Professional Stainless Steel Square

Inox



L mm	A mm	B mm	Part N°	€
250	40	1	793-01-250	18,64
300	40	1	793-01-300	21,28
350	40	1	793-01-350	21,77
400	40	1	793-01-400	22,58

793

Professional Stainless Steel Square

Inox



L mm	A mm	B mm	Part N°	€
300	50	3	793-02-300	28,25
350	50	3	793-02-350	28,89
400	50	3	793-02-400	29,97
450	50	3	793-02-450	33,62
500	50	3	793-02-500	37,02
550	50	3	793-02-550	47,14
600	50	3	793-02-600	58,70



793

Combination Square with Level

Inox



L mm	A mm	B mm	Part N°	€
300	24,5	1,8	793-03-300	24,15
400	24,5	1,8	793-03-400	26,88

793

Double Combination Square with Level

Inox

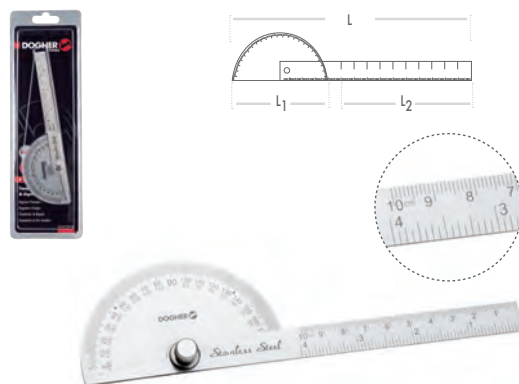


L mm	A mm	B mm	Part N°	€
300	24,5	1,8	793-04-300	29,36

796

Engineers Protractor

Inox



	L mm	L ₁ mm	L ₂ mm	Part N°	€
0° ~ 180°	200	90	100	796-001	25,20

- High quality stainless steel.
- Angles up to 180° in 1° scale.

796

Steel Scriber



L mm	Part N°	€
150	796-002	6,85

- Tungsten Carbide Tip.
- Suitable for tracing on steel surfaces.

Measurement

Scribers



796

Hexagonal Steel Scriber



L mm	B mm	Part N°	€
150	6	796-003	7,08

- Tungsten Carbide Tip

796

Double Ended Steel Scriber



L mm	B mm	Part N°	€
250	8	796-004	16,62

- Tungsten Carbide Tip

796

Double Ended Steel Scriber

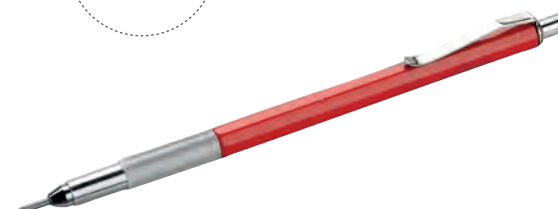
CrV



L mm	B mm	Part N°	€
250	8	796-005	9,82

796

Retractable Pen Type Scriber



L mm	B mm	Part N°	€
160	12	796-006	23,06

- Tungsten Carbide Tip
- Includes 2 tips: 32mm (Tungsten carbide) y 89 mm (Pencil Lead)

798

Chalk Line with Deposit for Chalk Powder



m	Part N°	€
30	798-001	13,17

798

Chalk Line Red Powder



- Fill the deposit with chalk red powder.



- Shake to impregnate the line with the chalk powder.



- 1.- Fix the hook to the surface and pull it up.
2.- Release



g	Part N°	€
180	798-002	3,97

798

Thread Pitch Gauges

- 24 Thread Pitch Gauges
- Range from 0,25 mm-6 mm



Part N°	€
798-003	12,18

798

Thickness Gauges



- 20 Thickness Gauges
- Range from 0,05 mm-1 mm
- 105 mm length
- 65Mn Tempered steel.



Part N°	€
798-004	12,13

795

Clamp meter

Helios



1000V CATII
600V CATIII



4000 Digits (3 3/4)



• 750V CA 1000V CC / 1000A CA-CC

- Analyses DCV, ACV, DCA, ACA, resistance, frequency, temperature, etc., as well as non-contact AC voltage.
- Data value and min/máx. values hold.
- True RMS
- Diode test.
- Continuity alarm test.
- IEC1010-1 / UL3111-1



270 x 123 x 35 mm

280g.

Part N°	€
795-010	131,22
• Spare wires	
795-010ST	5,25
795-010C	7,25

795

Clamp meter

Ares



600V CATII
300V CATIII



6000 Digits (3 5/6)



• 600V CA-CC / 600A CA-CC

- Analyses DCV, ACV, DCA, ACA, resistance, frequency, temperature, etc., as well as non-contact AC voltage.
- Data value and min/máx. values hold.
- True RMS
- Diode test.
- Continuity alarm test.
- IEC1010-1 / UL3111-1



185 x 65 x 32 mm

200g.

Part N°	€
795-011	102,87
• Spare wires	
795-010ST	5,25
795-010C	7,25

795

Clamp meter



750V CATII
600V CATIII

• 1000A max

- Measures AC current, AC & DC, Voltage & resistance.
- Overload protection.
- Data-hold function.
- Diode test.
- Continuity alarm test.



Part N°	€
795-001	48,35
• Spare wire	
795-001C	8,29

795

Digital Multimeter

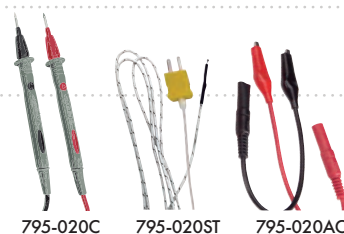
Zelus
1000V CATIII
600V CATIII

750V CA 1000V CC / 20A CA-CC

- Analyses DCV, ACV, DCA, ACA, resistance, frequency, temperature, etc., as well as non-contact AC voltage.
- Data value and min/máx. values hold.
- Continuity alarm test.
- True RMS
- Analog scale.
- Diode test.
- IEC1010



6000 Digits (3 5/6)



185 x 93 x 35 mm.

290g.

Part N°	€
795-020	146,60
Spare wires	
795-020C	9,36
795-020ST	5,25
795-020AC	6,86

795

Digital Multimeter

Hera
300V CATIII

600V CA 600V CC / 10A CA-CC

- Analyses DCV, ACV, DCA, ACA, resistance, frequency, temperature, etc., as well as non-contact AC voltage.
- Data value hold.
- Diode test.
- Analog scale
- True RMS
- Continuity alarm test.
- IEC1010



6000 Digits (3 5/6)



140 x 72 x 37 mm.

195 g.

Part N°	€
795-022	64,48
Spare wires	
795-010ST	5,25
795-010C	7,25

795

Digital Multimeter

750V CA 1000V CC

- Measures AC current, AC & DC Voltage & resistance.
- Checks continuity diodes and NPN/PNP transistors.
- Pollution Grade II
- IEC 61010



795-002C



Part N°	€
795-002	42,84
Spare wire	
795-002C	8,29

795

Digital Infrared Thermometer

Apolo
-20 / 750 °C
-4 / 1382 °F

- Accurately determines fixed-point temperature in hazardous areas or hard-to-reach objects without contact.
- Measures the temperature of water, coolants, engines, boilers, foundries, furnaces, air conditioning, exhaust systems, electrical panels, etc.
- Data value and Max/ min value hold.
- ZERO Reference point adjustment.
- Response time: 95% of reading.
- Emissivity: 0,1 - 1
- Wavelength: 8-14 μm
- Multipoint laser
- Acoustic alarm: High/Low temperature
- Distance ratio: 12:1
- Protection level: IP54



Digits 3 1/2



95 x 43 x 155 mm.

169 g.

Part N°	€
795-040	101,20



Measurement

PROFESSIONAL

Electrical Measurement and Location tools



795

Voltage detector

1000V CATIII
600V CATIV



- 12V - 1000V CA
- Sensitivity switching: 3 Levels.
- Press to select High/Low sensitivity.
- Breakpoint or broken wire detector.
- Flashing light.
- Alarm sound.



165 x 40 x 20 mm 60g

Part N°	€
795-030	39,29

795

Voltage Tester

600V CATII

- 900 mm wire.
- Working temperature 5°C to 40°C.
- Altitude up to 2.000 m.
- IEC 61010
- Pollution Grade II

3 in 1 150V • 300V • 500V 110V • 220V • 380V



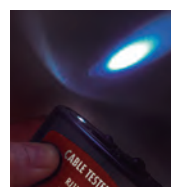
Part N°	€
795-003	17,56

795

Network connections tester



- Verifies pins 1 through 8 and ground (G) of twisted pair wires.
- Detects improper connections, short circuits, and open circuits.
- Suitable for testing RJ11, RJ12 and RJ45 connectors.



35 x 29 x 110 mm
62 x 29 x 110 mm
159g.

Part N°	€
795-004	38,48

795

Circuit breaker finder



- 250V CATIII
- 230V ~ 50Hz
- Signal output current: < 20mA
- Designed to locate the correct circuit breaker or fuse that supplies electrical power to an outlet.
- Includes a transmitter and a receiver.
- IEC/EN61326 IEC/EN61010-1
- Protection grade: IP40



97,5x59x29 mm 93g
189,5x52x30 mm 110g



Part N°	€
795-005	99,25

795

Phase indicator



- Measures the sequence of phases and checks whether any of them are open.
- It uses a LED light and a continuous or intermittent sound as an indicator.
- Signal input voltage: (three-phase): 180V~480V AC
- Signal frequency range: 20Hz~380Hz
- Isolated test points :



Part N°	€
795-006	90,90

