

**Diagnostics / Battery /
Electrical System**



EQUIPMENT
VIGOR



V4324, EAN 4047728043243

Digital multimeter

- Compact and practical
- High-contrast, one-line LCD display including backlighting
- 19-position rotary switch
- Reliable warning thanks to automatic overflow and polarity display for preventing possible errors
- Stand-up positioning including protective rubber cover
- Measuring cable with protection against contact
- DC: 200 mV – 600 V
- AC: 200 V – 600 V
- DC: 200 mA – 10 A
- Resistance: 200–2000 Ohm
- Diode tester
- Maximum display: 1999
- 9 V battery (in device)
- Fuses:
 - 1 x 250 mA / 250 V
 - 1 x 10 A / 250 V
- Multimeter for testing quiescent current
- Used with measuring cable set V4326
- Functions:
 - Direct and alternating voltage measurement
 - Direct and alternating current measurement
 - Resistance measurement
 - Diode test (with acoustic signal)
 - Passage inspection (with acoustic signal)
 - Data hold function



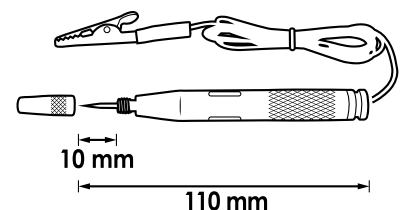
VIGOR No.	Designation	EAN 4047728+	€
V4324-1	Fuses 5 pieces	053532	3.80
V4324-2	Measuring cable for V4324	053549	5.60

31.- €
excl. VAT

V1722, EAN 4047728017220

Car light tester

∠ 6 – 24 V



7.90 €
excl. VAT

Multimeter and measuring cable sets



V4326, EAN 4047728**043267**

Measuring cable set

- Motor vehicle applications and 12 V batteries
- Measuring line adapters for simplifying fault diagnostics directly on the vehicle
- Polarity testers for testing hall sensor and photo sensors
- Measuring potentiometer for testing the temperature sensor and tank sensor
- Use with multimeter V4324
- 3 flat terminals, flat terminal sleeves, round terminals, pin-type cable connectors and pin-type cable sleeves



Flat terminal sizes:
0.8 · 1.2 · 2.0 · 2.5 · 3.0 · 5.0 · 6.0 mm



Round terminal sizes:
4.0 · 3.5 · 2.0 · 1.5 · 0.8 mm

2x crocodile clips, jaw opening up to 30 mm



2x connection cables, each 1 m in length



4x test needles, i.e. for testing very small plug connections



2 x two-tone LED test cables for determining the polarity
- Positive polarity = LED green
- Negative polarity = LED red



2x test tips for use with the cable to be tested and crocodile clips



2x 5K Ohm potentiometer steplessly adjustable



2x jumper plugs, 1 (Female bushing) on 2 (Male) connections



2x SRS test resistors for SRS airbag and belt tightening systems



290.- €
excl. VAT

V4326/2, EAN 4047728**069809**

Test needle set

- Testing plug connections
- 1 mm tip Ø
- With plug-in socket for common multimeter connections



8.20 €
excl. VAT

V4451, EAN 4047728044516

Cable release tool set

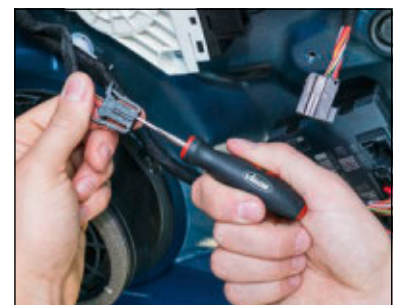
- Damage-free release of electrical plugs and connectors e.g. with ABS, air conditioning sensors, radio, PDC, trailer coupling modules and much more
- Fast trouble-shooting with corrosion or connection defects
- For round and flat connectors



VIGOR No.	Designation	Design	EAN 4047728+	€
V4451-1	Individual cable release tool 1 BMW · MERCEDES-BENZ · OPEL/VAUXHALL · VW/AUDI		053693	12.70
V4451-2	Individual cable release tool 2 BMW · JAGUAR · MERCEDES-BENZ · PORSCHE · SAAB · SEAT · ŠKODA		053709	12.70
V4451-3	Individual cable release tool 3 BMW · MERCEDES-BENZ · OPEL/VAUXHALL · PORSCHE · VW/AUDI		053716	12.70
V4451-4	Individual cable release tool 4 FORD		053723	9.10
V4451-5	Individual cable release tool 5 BMW · FORD · MERCEDES-BENZ · OPEL/VAUXHALL · PORSCHE · SEAT · ŠKODA · VW/AUDI		053730	9.10
V4451-6	Individual cable release tool 6 BMW · FORD · JAGUAR · OPEL/VAUXHALL · MERCEDES-BENZ · PORSCHE · SAAB · SEAT · ŠKODA · VW/AUDI		053747	9.10
V4451-7	Individual cable release tool 7 MERCEDES-BENZ		053754	9.10
V4451-8	Individual cable release tool 8 FORD · JAGUAR · MERCEDES-BENZ · OPEL/VAUXHALL · PORSCHE · VW/AUDI		053761	9.10
V4451-9	Individual cable release tool 9 FORD · MERCEDES-BENZ		053815	9.10
V4451-10	Individual cable release tool 10 MERCEDES-BENZ		053822	9.10
V4451-11	Individual cable release tool 11 BMW · FORD · JAGUAR · MERCEDES-BENZ · OPEL/VAUXHALL · PORSCHE · SAAB · SEAT · ŠKODA · VW/AUDI		053839	9.10
V4451-12	Individual cable release tool 12 OPEL/VAUXHALL · RENAULT · ŠKODA · VW/AUDI		053846	9.10
V4451-13	Individual cable release tool 13 FORD · MERCEDES-BENZ		053853	9.10
V4451-14	Individual cable release tool 14 FORD · JAGUAR · PORSCHE		053860	9.10
V4451-15	Individual cable release tool 15 BMW · FORD · MERCEDES-BENZ · OPEL/VAUXHALL · SEAT · ŠKODA · VW/AUDI		053877	9.10
V4451-16	Individual cable release tool 16 BMW · FORD · JAGUAR · MERCEDES-BENZ · OPEL/VAUXHALL · PORSCHE · VW/AUDI		053884	9.10
V4451-17	Individual cable release tool 17 BMW		053891	9.10
V4451-18	Individual cable release tool 18 MERCEDES-BENZ		053907	9.10
V4451-19	Individual cable release tool 19 CITROËN · FIAT · CHRYSLER · FORD · HONDA · MAZDA · OPEL/VAUXHALL · MERCEDES-BENZ · MITSUBISHI · PORSCHE · RENAULT · SEAT · TOYOTA · VW/AUDI		053914	9.10
V4451-20	Individual cable release tool 20 FORD		053921	9.10
V4451-21	Individual cable release tool 21 BMW · FORD · JAGUAR · MERCEDES-BENZ · OPEL/VAUXHALL · PORSCHE · SAAB · SEAT · ŠKODA · VW/AUDI		053938	9.10
V4451-22	Individual cable release tool 22 HONDA · OPEL/VAUXHALL · TOYOTA · VW/AUDI		053945	9.10
V4451-23	Individual cable release tool 23 OPEL/VAUXHALL · VW/AUDI		053952	9.10

**Indispensable
for mechatronics
technicians and
motor vehicle
electricians**

199.-€
excl. VAT



Crimping pliers set



V2499, EAN 4047728024990

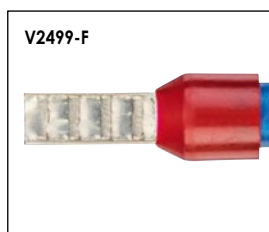
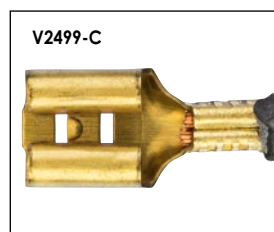
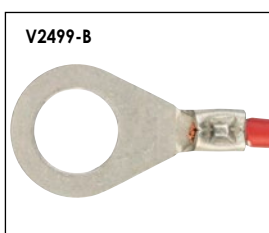
Crimping pliers set

- Five replaceable crimping sockets:
- Crimping socket A: for insulated cable lugs from 0.5 – 6.0 mm² (red, blue, yellow)
- Crimping socket B: for closed, non-insulated cable lugs of 1.5 · 2.5 · 6.0 · 10 mm²
- Crimping socket C: for open, non-insulated cable lugs from 0.5 – 6.0 mm² (width up to 6.3 mm)
- Crimping socket Ø for wire end sleeves with or without collar from 0.5 – 4.0 mm²
- Crimping socket F: for wire end sleeves above 6.0 mm²



With locking lever

137.-€
excl. VAT



Spare parts

VIGOR No.	Designation	Design	EAN 4047728+	€
V2499-A	Crimping socket A: for insulated cable lugs from 0.5 – 6.0 mm ² (red · blue · yellow)		053440	26.80
V2499-B	Crimping socket B: for closed, non-insulated cable lugs of 1.5 · 2.5 · 6.0 · 10 mm ²		053457	26.80
V2499-C	Crimping socket C: for open, non-insulated cable lugs of 0.5 – 6.0 mm ² (width up to 6.3 mm)		053464	26.80
V2499-D	Crimping socket D: for wire end sleeves with or without collar from 0.5 – 4.0 mm ²		053471	26.80
V2499-F	Crimping socket F: for wire end sleeves above 6.0 mm ²		053488	26.80

