

CETA FORM



# VDE 1000V INSULATED TOOLS AND MULTIMETERS

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## Extended Range of 1000V Insulated Tools

Ultimate safety with comfort

Considering the ever-increasing hybrid and electric vehicle sector, we have extended our successful range of 1000V insulated tools. The range now includes mechanics tools such as wrenches, sockets and torque wrenches in an insulated design for safe live working. Like all our insulated tools, the new tools are also manufactured to EN 60900 standard and individually tested to 1000V AC and 1500V DC.

### DuoTech



1000 V  
EN 60900



**new**  
design

## VDE 1000V Insulated Softgrip Screwdrivers



Every tool is individually tested in a water bath at 10.000 Volts according to DIN EN 60900, IEC 900 norms.



1000 V  
EN 60900

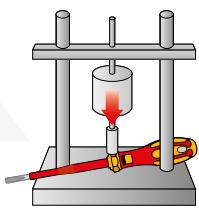


Precision machined,  
ultimate fit non-peel  
black finish tip

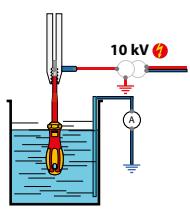
Dielectric tested blade  
insulation directly molded onto  
the blade thus safeguarding  
against electricity

Refined ergonomic  
design and premium  
quality plastic materials  
for a comfortable grip

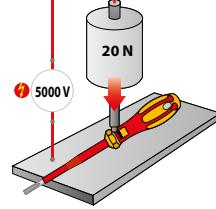
2K Handle  
technology for high  
torque transmission  
with less stress



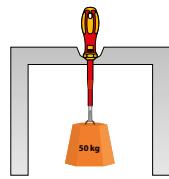
COLD IMPACT RESISTANCE (-25°C)



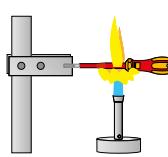
ELECTRICAL TEST (10.000V)



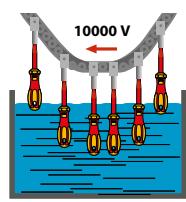
PRESSURE TEST (5000V)



INSULATION ADHESION TEST



FLAMMABILITY TEST



10.000V TEST (%100 Control)

## VDE 1000V Insulated Softgrip Pliers

Ultimate safety with comfort

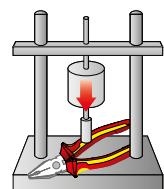


Larger teeth for holding  
circular objects i.e.  
screws, pipes, etc.

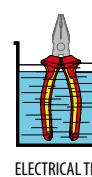
High performance cutting  
edges, extra hardened by  
special Ceta Form process

Plastic components  
resistant to all  
petroleum products

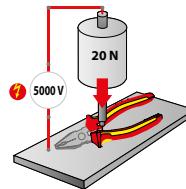
**DuoTech**  
ergonomic handles



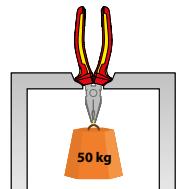
COLD IMPACT RESISTANCE (-25°C)



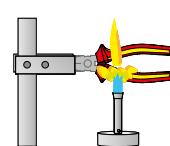
ELECTRICAL TEST (10.000V)



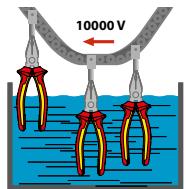
PRESSURE TEST (5000V)



INSULATION ADHESION TEST



FLAMMABILITY TEST



10.000V TEST (%100 Control)

# 07 VDE 1000V Tools and Multimeters

## C-PLUS 1000V Screwdriver (VDE)

### G01 Series

C-PLUS 1000V Slotted Screwdrivers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 2380



1000 V EN 60900

| CODE NO            | ① mm       | ② mm       | ③ mm      |
|--------------------|------------|------------|-----------|
| G01-025-075        | 2.5        | 75         | 12        |
| G01-030-100        | 3.0        | 100        | 12        |
| G01-035-100        | 3.5        | 100        | 12        |
| G01-040-100        | 4.0        | 100        | 12        |
| <b>G01-045-125</b> | <b>4.5</b> | <b>125</b> | <b>12</b> |
| G01-055-125        | 5.5        | 125        | 12        |
| G01-065-150        | 6.5        | 150        | 12        |
| G01-080-175        | 8.0        | 175        | 12        |

### G02 Series

C-PLUS 1000V Phillips Screwdrivers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 8764



1000 V EN 60900

| CODE NO     | ⊕   | ② mm | ③ mm |
|-------------|-----|------|------|
| G02-000-060 | PH0 | 60   | 12   |
| G02-001-080 | PH1 | 80   | 12   |
| G02-002-100 | PH2 | 100  | 12   |
| G02-002-150 | PH2 | 150  | 12   |
| G02-003-150 | PH3 | 150  | 12   |

### G03 Series

C-PLUS 1000V Pozidriv Screwdrivers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 8764



1000 V EN 60900

| CODE NO     | ⊕   | ② mm | ③ mm |
|-------------|-----|------|------|
| G03-000-060 | PZ0 | 60   | 12   |
| G03-001-080 | PZ1 | 80   | 12   |
| G03-002-100 | PZ2 | 100  | 12   |
| G03-002-150 | PZ2 | 150  | 12   |
| G03-003-150 | PZ3 | 150  | 12   |

### G04 Series

C-PLUS 1000V TORX Screwdrivers (VDE)

EN 60900, VDE 0682 Teil 201



1000 V EN 60900

| CODE NO     | ⊕   | ② mm | ③ mm |
|-------------|-----|------|------|
| G04-010-100 | T10 | 100  | 12   |
| G04-015-100 | T15 | 100  | 12   |
| G04-020-100 | T20 | 100  | 12   |
| G04-025-125 | T25 | 125  | 12   |
| G04-027-150 | T27 | 150  | 12   |
| G04-030-150 | T30 | 150  | 12   |

### new G07 Series

C-PLUS 1000V Nut Drivers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 2236



1000 V EN 60900

| CODE NO     | ⊖ mm | ② mm | ③ mm |
|-------------|------|------|------|
| G07-050-125 | 5    | 125  | 12   |
| G07-055-125 | 5.5  | 125  | 12   |
| G07-060-125 | 6    | 125  | 12   |
| G07-070-125 | 7    | 125  | 12   |
| G07-080-125 | 8    | 125  | 12   |
| G07-090-125 | 9    | 125  | 12   |
| G07-100-125 | 10   | 125  | 12   |
| G07-110-125 | 11   | 125  | 12   |
| G07-120-125 | 12   | 125  | 12   |
| G07-130-125 | 13   | 125  | 12   |

### G05 Series

C-PLUS 1000V Terminal Screwdrivers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 8764



For terminal screws  
(Pozidriv/Slotted) 1000 V EN 60900

| CODE NO     | ⊕  | ② mm | ③ mm |
|-------------|----|------|------|
| G05-001-080 | #1 | 80   | 12   |
| G05-002-100 | #2 | 100  | 12   |

### G26/BT

C-PLUS 1000V Bit Drivers (VDE)

EN 60900, VDE 0682 Teil 201



1000 V EN 60900

| CODE NO | ⊖ " | ② mm | ③ mm |
|---------|-----|------|------|
| G26/BT  | 1/4 | 100  | 12   |

### G06 Series

C-PLUS 1000V Hexagon Screwdrivers (VDE)

EN 60900, VDE 0682 Teil 201



1000 V EN 60900

| CODE NO     | ⊖ mm | ② mm | ③ mm |
|-------------|------|------|------|
| G06-030-080 | 3    | 80   | 12   |
| G06-040-080 | 4    | 80   | 12   |
| G06-050-080 | 5    | 80   | 12   |
| G06-060-100 | 6    | 100  | 12   |



## C-PLUS 1000V Screwdriver Sets (VDE)

### G05-B02

2 Piece C-PLUS 1000V Terminal Screwdriver Set (VDE)



x2



CODE NO

G05-B02



1

G05 #1x80, #2x100 mm

### G99-401

4 Piece C-PLUS 1000V Screwdriver Set (VDE) - Slotted/Phillips



x3

x1



CODE NO

G99-401



1

G01 2.5x75, 4.0x100, 5.5x125 mm  
 G02 PH2x100 mm

### G99-402

4 Piece C-PLUS 1000V Screwdriver Set (VDE) - Slotted/Pozidriv



x3

x1



CODE NO

G99-402



1

G01 2.5x75, 4.0x100, 5.5x125 mm  
 G03 PZ2x100 mm

### G07-B05

5 Piece C-PLUS 1000V Nut Driver Set (VDE)



x5



CODE NO

G07-B05



1

G07 6.0x125, 7.0x125, 8.0x125, 10x125 mm, 13x125 mm

### G99-701

7 Piece C-PLUS 1000V Screwdriver Set (VDE) - Slotted/Phillips + Tester



x5

x2



CODE NO

G99-701



1

G01 3.0x100, 4.0x100, 5.5x125, 6.5x150 mm  
 G02 PH1x80, PH2x100 mm  
 6105CP Voltage Tester (Short)

### G99-702

7 Piece C-PLUS 1000V Screwdriver Set (VDE) - Slotted/Pozidriv + Tester



x5

x2



CODE NO

G99-702



1

G01 3.0x100, 4.0x100, 5.5x125, 6.5x150 mm  
 G03 PZ1x80, PZ2x100 mm  
 6105CP Voltage Tester (Short)

### G99-901

9 Piece C-PLUS 1000V Screwdriver Set (in Vinyl Wallet)



x5

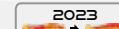
x2

x2



CODE NO

G99-901



1

G01 3.0x100, 4.0x100, 5.5x125, 6.5x150 mm  
 G03 PZ1x80, PZ2x100 mm  
 G02 PH1x80, PH2x100 mm  
 6105CP Voltage Tester (Short)

### SG99 Series

C-PLUS 1000V Screwdriver Set Display Packs (VDE)



CODE NO

SG99-701



1

SG99-702

1

SG99-702

1

# 07 VDE 1000V Tools and Multimeters

## Slimline 1000V Screwdrivers (VDE)

Unlimited access in critical working areas

**new**  
design

**slimline**



Precision machined,  
ultimate fit non-peel  
black finish tip

Dielectric tested blade insulation  
directly molded onto the blade thus  
safeguarding against electricity

Refined ergonomic  
design and premium  
quality plastic materials  
for a comfortable grip

2K Handle  
technology for high  
torque transmission  
with less stress



Every tool is individually tested in a  
water bath at 10.000 Volts according  
to DIN EN 60900, IEC 900 norms.

1000 V  
EN 60900

### G01S Series

C-PLUS 1000V Slotted Screwdrivers (Slimline)

EN 60900, VDE 0682 Teil 201, DIN ISO 2380

| CODE NO             | ⊖ mm       | ⊕ mm       | Box       |
|---------------------|------------|------------|-----------|
| G01S-035-100        | 3.5        | 100        | 12        |
| G01S-040-100        | 4.0        | 100        | 12        |
| G01S-055-125        | 5.5        | 125        | 12        |
| <b>G01S-065-150</b> | <b>6.5</b> | <b>150</b> | <b>12</b> |

### G05S-002-100

C-PLUS 1000V Terminal Screwdriver (Slimline)

EN 60900, VDE 0682 Teil 201, DIN ISO 8764

| CODE NO      | ⊖  | ⊕   | Box |
|--------------|----|-----|-----|
| G05S-002-100 | #2 | 100 | 12  |

For terminal screws  
(Pozidriv/Slotted)

1000 V  
EN 60900

### G02S Series

C-PLUS 1000V Phillips Screwdrivers (Slimline)

EN 60900, VDE 0682 Teil 201, DIN ISO 8764

| CODE NO      | ⊕   | ⊖ mm | Box |
|--------------|-----|------|-----|
| G02S-001-080 | PH1 | 80   | 12  |
| G02S-002-100 | PH2 | 100  | 12  |

### G99-701S

7 Piece C-PLUS 1000V Screwdriver Set  
(Slimline) - Slotted/PH + Tester

1000 V  
EN 60900

⊖ x5  
⊕ x2



| CODE NO  | Box |
|----------|-----|
| G99-701S | 1   |

⊖ G01S 3.5x100, 4.0x100, 5.5x125, 6.5x150 mm  
⊕ G02S PH1x80, PH2x100 mm  
⊖ 6105CP Voltage Tester (Short)

### G03S Series

C-PLUS 1000V Pozidriv Screwdrivers (Slimline)

EN 60900, VDE 0682 Teil 201, DIN ISO 8764

| CODE NO      | ⊕   | ⊖ mm | Box |
|--------------|-----|------|-----|
| G03S-001-080 | PZ1 | 80   | 12  |
| G03S-002-100 | PZ2 | 100  | 12  |

### G99-702S

7 Piece C-PLUS 1000V Screwdriver Set  
(Slimline) - Slotted/PZ + Tester

1000 V  
EN 60900

⊖ x5  
⊕ x2



| CODE NO  | Box |
|----------|-----|
| G99-702S | 1   |

⊖ G01S 3.5x100, 4.0x100, 5.5x125, 6.5x150 mm  
⊕ G03S PZ1x80, PZ2x100 mm  
⊖ 6105CP Voltage Tester (Short)

# Voltage Testers

Maximum safety in an ergonomic design



- Handle in Ceta Form C-PLUS design
- Premium quality impact resistant plastic material
- High quality Silicon Chrome Vanadium steel blade
- Solid brass earthing contact

## 6105CP

C-PLUS Voltage Tester (VDE-Short)

VDE 0680/06, DIN 57680/6, TS 13108



110 - 250V, Silicon Chrome Vanadium  
steel blade, with clips



| CODE NO | $\varnothing \text{ mm}$ | $\text{L mm}$ |      |
|---------|--------------------------|---------------|------|
| 6105CP  | 3.0                      | 140           | 24 • |

For display carded delivery = Item code + X 12

## 6105

Single-Pole Voltage Tester (Short)

DIN 57680/6, TS 13108



110 - 250V, Silicon Chrome Vanadium  
steel blade, with clips



| CODE NO | $\varnothing \text{ mm}$ | $\text{L mm}$ |      |
|---------|--------------------------|---------------|------|
| 6105    | 3.0                      | 140           | 24 • |

## G09-NC1

Non-Contact AC Voltage Detector



For 90V - 1000V AC, aural and visual  
notifications, CAT II insulation, 2 x 1.5 V  
AAA batteries, 6 hours of battery time



| CODE NO | $\text{L mm}$ | $\text{L mm}$ |    |
|---------|---------------|---------------|----|
| G09-NC1 | 4.5           | 152           | 20 |

## 6106CP

C-PLUS Voltage Tester (VDE-Long)

VDE 0680/06, DIN 57680/6, TS 13108



110 - 250V, Silicon Chrome Vanadium  
steel blade



| CODE NO | $\varnothing \text{ mm}$ | $\text{L mm}$ |      |
|---------|--------------------------|---------------|------|
| 6106CP  | 3.5                      | 170           | 24 • |

For display carded delivery = Item code + X 12

## 6106

Single-Pole Voltage Tester (Long)

DIN 57680/6, TS 13108



110 - 250V, Silicon Chrome Vanadium  
steel blade



| CODE NO | $\varnothing \text{ mm}$ | $\text{L mm}$ |      |
|---------|--------------------------|---------------|------|
| 6106    | 3.5                      | 180           | 24 • |

## GRT-M Series

Rethreading Tools



For cleaning out and cutting damaged threads in electrical  
boxes, precision ground HSS tap

| CODE NO | M SIZE   | $\text{L mm}$ |    |
|---------|----------|---------------|----|
| GRT-M35 | M3.5x0.6 | 118           | 12 |
| GRT-M40 | M4.0x0.7 | 118           | 12 |

## 6106EX

Single-Pole Voltage Tester (Long)



For 100V to 500V, highly durable blade



| CODE NO | $\varnothing \text{ mm}$ | $\text{L mm}$ |      |
|---------|--------------------------|---------------|------|
| 6106EX  | 4.0                      | 187           | 24 • |

# 07 VDE 1000V Tools and Multimeters

## 1000V Pliers / Cutters (VDE) / Pliers Sets

### G10 Series

1000V Combination Pliers (VDE)  
EN 60900, VDE 0682 Teil 201, DIN ISO 5746



Ideal for live working up to 1000V AC or 1500V DC, suitable for cutting soft and hard wire

| CODE NO     | mm       | Ø mm |   |
|-------------|----------|------|---|
| G10-18-0160 | 160 - 6" | 1.8  | 6 |
| G10-18-0180 | 180 - 7" | 2.0  | 6 |
| G10-18-0200 | 200 - 8" | 2.5  | 6 |

Forged in Germany

### G12 Series

1000V Diagonal Cutters (VDE)  
EN 60900, VDE 0682 Teil 201, DIN ISO 5749



Ideal for live working up to 1000V AC or 1500V DC, suitable for cutting soft and hard wire  
160 mm size in high leverage design

| CODE NO     | mm           | Ø mm |   |
|-------------|--------------|------|---|
| G12-18-0140 | 140 - 5-1/2" | 1.8  | 6 |
| G12-18-0160 | 160 - 6"     | 2.0  | 6 |
| G12-18-0180 | 180 - 7"     | 2.5  | 6 |

Forged in Germany

### G99-18-02A

2 Piece 1000V Pliers Set (VDE)



G10-18-0180  
(180 mm)  
G12-18-0160  
(160 mm)

| CODE NO    |   |
|------------|---|
| G99-18-02A | 1 |

### G10H Series

1000V Combination Pliers (VDE)  
EN 60900, VDE 0682 Teil 201, DIN ISO 5746



Ideal for live working up to 1000V AC or 1500V DC, suitable for cutting soft and hard wire

| CODE NO      | mm       | Ø mm |   |
|--------------|----------|------|---|
| G10H-18-0180 | 180 - 7" | 2.0  | 6 |
| G10H-18-0200 | 200 - 8" | 2.5  | 6 |

Forged in Germany

### G14 Series

1000V Power Diagonal Cutters (VDE)  
EN 60900, VDE 0682 Teil 201, DIN ISO 5749



Ideal for live working up to 1000V AC or 1500V DC, suitable for cutting all wires (incl. piano wire)

| CODE NO     | mm       | Ø mm |   |
|-------------|----------|------|---|
| G14-18-0180 | 180 - 7" | 2.0  | 6 |
| G14-18-0200 | 200 - 8" | 2.2  | 6 |

Forged in Germany

### G99-18-03A

3 Piece 1000V Pliers Set (VDE)



G10-18-0180  
(180 mm)  
G12-18-0160  
(160 mm)  
G15-18-0160  
(160 mm)

| CODE NO    |   |
|------------|---|
| G99-18-03A | 1 |

### G20-MMAX

1000V Multi-Purpose Electrician's Pliers

**new**  
design  
Forged in Germany



Wire Stripping Capacities : 0.75, 1.0, 1.5, 2.5 mm<sup>2</sup>  
Screw Cutting Capacities : M3.5, M4  
Wire Crimping Terminal Capacities : 0.75, 1.0, 1.5, 2.5, 4.0 mm<sup>2</sup>  
Terminal Crimping Capacities : 0.50, 0.75, 1.0, 1.5, 2.5 mm<sup>2</sup>  
Cable Cutting Capacities : Ø15 mm / 50 mm<sup>2</sup>  
Holding Flat and Round materials, bending cable

### 7 FUNCTION IN ONE TOOL

1000 V  
EN 60900  
✓

| CODE NO  | mm       |   |
|----------|----------|---|
| G20-MMAX | 225 - 9" | 6 |

### SG18-24

24 Piece 1000V Pliers (VDE) Display Pack

BUY MORE PAY LESS



| CODE NO |   |
|---------|---|
| SG18-24 | 1 |

12x G10-18-0180

12x G12-18-0160

### G99-18-05 Series

5 Piece 1000V Pliers and Screwdriver Sets (VDE)



1

### CODE NO

G99-18-05PH

1



G01

4.0x100, 5.5x125 mm



G02

PH2x100 mm

### CODE NO

G99-18-05PZ

1

**Content:** Same as G99-18-05PH but with Pozidriv screwdrivers instead of Phillips

## 1000V Long Nose Pliers / Cable Shears / Wire Stripping (VDE)

### G15 Series

1000V Long Nose Pliers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 5745



Suitable for cutting soft and hard wire EN 60900

| CODE NO     | $\frac{\text{mm}}{\text{in}}$ | $\varnothing \text{ mm}$ |   |
|-------------|-------------------------------|--------------------------|---|
| G15-18-0160 | 160 - 6"                      | 1.6                      | 6 |
| G15-18-0200 | 200 - 8"                      | 1.6                      | 6 |

### G18-18-0160

1000V Round Nose Pliers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 5745



For bending wire loops EN 60900

| CODE NO     | $\frac{\text{mm}}{\text{in}}$ |   |
|-------------|-------------------------------|---|
| G18-18-0160 | 160 - 6"                      | 6 |

### G25-58-0250

1000V Water Pump Pliers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 8976



9-position adjustment, box-joint design EN 60900

| CODE NO     | $\frac{\text{mm}}{\text{in}}$ | $\varnothing \text{ max. mm}$ |   |
|-------------|-------------------------------|-------------------------------|---|
| G25-58-0250 | 250 - 10"                     | 28                            | 6 |

### G16 Series

1000V Bent Long Nose Pliers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 5745



Suitable for cutting soft and hard wire EN 60900

| CODE NO     | $\frac{\text{mm}}{\text{in}}$ | $\varnothing \text{ mm}$ |   |
|-------------|-------------------------------|--------------------------|---|
| G16-18-0160 | 160 - 6"                      | 1.6                      | 6 |
| G16-18-0200 | 200 - 8"                      | 1.6                      | 6 |

### G20-18-0160

1000V Wire Stripping Pliers (VDE)

EN 60900, VDE 0682 Teil 201



For stripping of single / multi-strand conductors' plastic insulations EN 60900

| CODE NO     | $\frac{\text{mm}}{\text{in}}$ | $\frac{\text{mm}^2}{\text{mm}^2}$ |   |
|-------------|-------------------------------|-----------------------------------|---|
| G20-18-0160 | 160 - 6"                      | 10                                | 6 |

### G30-48 Series

1000V Cable Shears (VDE)

EN 60900, VDE 0682 Teil 201



For cutting copper and aluminum cables  
Not suitable for steel wire and wire ropes EN 60900

| CODE NO     | $\frac{\text{mm}}{\text{in}}$ | $\varnothing \text{ mm}$ |   |
|-------------|-------------------------------|--------------------------|---|
| G30-48-0160 | 160 - 6"                      | 10                       | 6 |
| G30-48-0200 | 200 - 8"                      | 18                       | 6 |

### G17-18-0160

1000V Flat Nose Pliers (VDE)

EN 60900, VDE 0682 Teil 201, DIN ISO 5745



Serrated gripping jaws

EN 60900

| CODE NO     | $\frac{\text{mm}}{\text{in}}$ |   |
|-------------|-------------------------------|---|
| G17-18-0160 | 160 - 6"                      | 6 |

### G21-18-0160

1000V Combi Cutter / Stripper (VDE)

EN 60900, VDE 0682 Teil 201



Suitable for cutting soft wire,  
stripping holes for 1.5 and 2.5 mm<sup>2</sup>  
single conductors

EN 60900

| CODE NO     | $\frac{\text{mm}}{\text{in}}$ | $\frac{\text{mm}^2}{\text{mm}^2}$ |   |
|-------------|-------------------------------|-----------------------------------|---|
| G21-18-0160 | 160 - 6"                      | 1.5, 2.5                          | 6 |

### G30-58-0170

RZR Series 1000V Cable Shears (VDE)

EN 60900, VDE 0682 Teil 201



For cutting copper and aluminum cables  
Not suitable for steel wire and wire ropes

| CODE NO     | $\frac{\text{mm}}{\text{in}}$ | $\varnothing \text{ mm}$ |   |
|-------------|-------------------------------|--------------------------|---|
| G30-58-0170 | 170 - 6-1/2"                  | 15                       | 6 |

# 07 VDE 1000V Tools and Multimeters

## 1000V Wrenches / Adjustable Wrench / T Handle Keys

### GB09 Series

1000V Open End Wrenches  
EN 60900, VDE 0682 Teil 201



Open end offset from shaft at 15°

1000 V  
EN 60900

| CODE NO   | Ø mm | mm  |    |
|-----------|------|-----|----|
| GB09-05/2 | 5.5  | 93  | 12 |
| GB09-06   | 6    | 93  | 12 |
| GB09-07   | 7    | 97  | 12 |
| GB09-08   | 8    | 99  | 12 |
| GB09-09   | 9    | 103 | 12 |
| GB09-10   | 10   | 113 | 12 |
| GB09-11   | 11   | 123 | 12 |
| GB09-12   | 12   | 133 | 12 |
| GB09-13   | 13   | 143 | 12 |
| GB09-14   | 14   | 155 | 12 |
| GB09-15   | 15   | 158 | 12 |
| GB09-16   | 16   | 163 | 12 |
| GB09-17   | 17   | 173 | 12 |
| GB09-18   | 18   | 180 | 12 |
| GB09-19   | 19   | 188 | 12 |
| GB09-22   | 22   | 203 | 12 |
| GB09-24   | 24   | 228 | 6  |

### GB09-R06

6 Piece 1000V Open End Wrench Set (in Roll Pouch)

### GB14 Series

1000V Ring End Wrenches  
EN 60900, VDE 0682 Teil 201



75° deep offset ring end

1000 V  
EN 60900

| CODE NO | Ø mm | mm  |    |
|---------|------|-----|----|
| GB14-10 | 10   | 170 | 12 |
| GB14-11 | 11   | 175 | 12 |
| GB14-12 | 12   | 180 | 12 |
| GB14-13 | 13   | 185 | 12 |
| GB14-14 | 14   | 190 | 12 |
| GB14-15 | 15   | 195 | 12 |
| GB14-16 | 16   | 200 | 12 |
| GB14-17 | 17   | 205 | 12 |
| GB14-18 | 18   | 210 | 6  |
| GB14-19 | 19   | 215 | 6  |
| GB14-22 | 22   | 245 | 6  |
| GB14-24 | 24   | 265 | 6  |

### GB14-R06

6 Piece 1000V Ring End Wrench Set (in Roll Pouch)



### GK10 Series

### GB21-250

1000V Adjustable Wrench  
EN 60900, VDE 0682 Teil 201



1000 V  
EN 60900

| CODE NO  | mm        | Ø mm |   |
|----------|-----------|------|---|
| GB21-250 | 250 - 10" | 30   | 6 |

### CODE NO



GB09-R06

1

6 PC: 10, 12, 13, 14, 17, 19 mm

### CODE NO



GB14-R06

1

6 PC: 10, 12, 13, 14, 17, 19 mm

### GK10 Series

### 1000V T-Handle Hexagon Keys

### new



1000 V  
EN 60900

### CODE NO



Ø mm

mm

mm

mm

mm

mm



GK10-030

100

12

GK10-040

150

12

GK10-050

150

12

GK10-060

200

12

GK10-080

200

12



## 3/8" Drive 1000V Sockets and Accessories

### GC12-H Series

3/8" Drive 1000V 6-Point Sockets

EN 60900, VDE 0682 Teil 201



1000 V  
EN 60900

**10  
3/8"**

| CODE NO  | ∅ mm | -mm | Box |
|----------|------|-----|-----|
| GC12-H06 | 6    | 48  | 12  |
| GC12-H07 | 7    | 48  | 12  |
| GC12-H08 | 8    | 48  | 12  |
| GC12-H09 | 9    | 48  | 12  |
| GC12-H10 | 10   | 48  | 12  |
| GC12-H11 | 11   | 48  | 12  |
| GC12-H12 | 12   | 48  | 12  |
| GC12-H13 | 13   | 48  | 12  |
| GC12-H14 | 14   | 48  | 12  |
| GC12-H15 | 15   | 48  | 12  |
| GC12-H16 | 16   | 48  | 12  |
| GC12-H17 | 17   | 50  | 12  |
| GC12-H18 | 18   | 50  | 12  |
| GC12-H19 | 19   | 50  | 12  |
| GC12-H20 | 20   | 50  | 12  |
| GC12-H22 | 22   | 52  | 12  |

### GC18S-H Series

3/8" Drive 1000V Hexagon Socket Bits

EN 60900, VDE 0682 Teil 201



1000 V  
EN 60900

**10  
3/8"**

| CODE NO   | ∅ | -mm | Box |
|-----------|---|-----|-----|
| GC18S-H04 | 4 | 65  | 12  |
| GC18S-H05 | 5 | 65  | 12  |
| GC18S-H06 | 6 | 65  | 12  |
| GC18S-H08 | 8 | 65  | 12  |

### GC10-19PH2

19 Piece 3/8" Drive 1000V 6 Point Socket Set



1000 V  
EN 60900



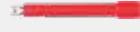
**10  
3/8"**



GC12-H 6, 7, 8, 9, 10, 11, 12, 13, 14,  
15, 16, 17, 18, 19, 20, 22 mm



GC11-12



GC11-70 80, 155 mm

CODE NO

GC10-19PH2

1

### GC18S-T Series

3/8" Drive 1000V TORX Socket Bits

EN 60900, VDE 0682 Teil 201



1000 V  
EN 60900

**10  
3/8"**

| CODE NO   | •   | -mm | Box |
|-----------|-----|-----|-----|
| GC18S-T20 | T20 | 65  | 12  |
| GC18S-T25 | T25 | 65  | 12  |
| GC18S-T27 | T27 | 65  | 12  |
| GC18S-T30 | T30 | 65  | 12  |
| GC18S-T40 | T40 | 65  | 12  |
| GC18S-T45 | T45 | 65  | 12  |

### GC11-12

3/8" Drive 1000V Quick Release Reversible Ratchet

EN 60900, VDE 0682 Teil 201, DIN 3122, ISO 3315



1000 V  
EN 60900

41-tooth strong mechanism,  
switch pawl

HIGH TORQUE  
 **10  
3/8"**

| CODE NO | ∅ mm | -mm | Box |
|---------|------|-----|-----|
| GC11-12 | 43   | 200 | 6   |

### GC18S-X Series

3/8" Drive 1000V XZN Socket Bits

EN 60900, VDE 0682 Teil 201



1000 V  
EN 60900

**10  
3/8"**

Especially for use in automotive

| CODE NO   | ∅   | -mm | Box |
|-----------|-----|-----|-----|
| GC18S-X08 | M08 | 75  | 12  |
| GC18S-X10 | M10 | 75  | 12  |

### GC11-40

3/8" Drive 1000V T-Handle

EN 60900, VDE 0682 Teil 201, DIN 3122, TS ISO 3315



1000 V  
EN 60900

**10  
3/8"**

| CODE NO | -mm | Box |
|---------|-----|-----|
| GC11-40 | 210 | 6   |

### GC11-70 Series

3/8" Drive 1000V Extension Bars

EN 60900, VDE 0682 Teil 201, DIN 3123, ISO 3316



1000 V  
EN 60900

**10  
3/8"**

| CODE NO | -mm | Box |
|---------|-----|-----|
| GC11-72 | 80  | 12  |
| GC11-75 | 155 | 12  |

**new**

**new**

**new**

**new**

# 07 VDE 1000V Tools and Multimeters

## 1/2" Drive 1000V Sockets and Accessories / Torque Wrenches

### GC22-H Series

1/2" Drive 1000V 6-Point Sockets

EN 60900, VDE 0682 Teil 201, DIN 3124, TS ISO 2725-1



1000 V  
EN 60900  
12.5  
1/2"

| CODE NO  | Ø mm | mm |    |
|----------|------|----|----|
| GC22-H10 | 10   | 55 | 12 |
| GC22-H11 | 11   | 55 | 12 |
| GC22-H12 | 12   | 55 | 12 |
| GC22-H13 | 13   | 55 | 12 |
| GC22-H14 | 14   | 55 | 12 |
| GC22-H15 | 15   | 55 | 12 |
| GC22-H16 | 16   | 55 | 12 |
| GC22-H17 | 17   | 55 | 12 |
| GC22-H18 | 18   | 55 | 12 |
| GC22-H19 | 19   | 55 | 12 |
| GC22-H20 | 20   | 55 | 12 |
| GC22-H22 | 22   | 55 | 12 |
| GC22-H24 | 24   | 58 | 6  |
| GC22-H27 | 27   | 60 | 6  |
| GC22-H30 | 30   | 61 | 6  |
| GC22-H32 | 32   | 62 | 6  |

### GC28S-HL Series

1/2" Drive 1000V Hexagon Socket Bits - Long

EN 60900, VDE 0682 Teil 201



1000 V  
EN 60900  
12.5  
1/2"

| CODE NO    | Ø mm | mm  |    |
|------------|------|-----|----|
| GC28S-H04L | 4    | 120 | 12 |
| GC28S-H05L | 5    | 120 | 12 |
| GC28S-H06L | 6    | 120 | 12 |
| GC28S-H08L | 8    | 120 | 12 |
| GC28S-H10L | 10   | 120 | 12 |

### GC21-12

1/2" Drive 1000V Quick Release

Reversible Ratchet

EN 60900, VDE 0682 Teil 201, DIN 3122, TS ISO 3315



1000 V  
EN 60900  
 HIGH TORQUE  
 ✓  
12.5  
1/2"

45-tooth strong mechanism,  
switch pawl



| CODE NO | mm   | mm  |   |
|---------|------|-----|---|
| GC21-12 | 47.5 | 234 | 6 |

### GC21-40

1/2" Drive 1000V T-Handle

EN 60900, VDE 0682 Teil 201, DIN 3122, TS ISO 3315



1000 V  
EN 60900  
12.5  
1/2"

| CODE NO | mm  |    |
|---------|-----|----|
| GC21-40 | 205 | 12 |

### GC21-70 Series

1/2" Drive 1000V Insulated Extension Bars

EN 60900, VDE 0682 Teil 201, DIN 3123, ISO 3316



1000 V  
EN 60900  
12.5  
1/2"

| CODE NO | mm  |    |
|---------|-----|----|
| GC21-75 | 130 | 12 |
| GC21-77 | 255 | 12 |

### GC20-19PH2

19 Piece 1/2" Drive 1000V 6 Point Socket Set



1000 V  
EN 60900  
12.5  
1/2"

GC22-H 10, 11, 12, 13, 14, 15, 16,  
17, 18, 19, 20, 22, 24, 27, 30, 32 mm



GC21-12



GC21-70 130 mm, 255 mm

| CODE NO    |   |
|------------|---|
| GC20-19PH2 | 1 |

### GD02 Series

1000V Torque Wrenches



EN 60900, VDE 0682 Teil 201, DIN/EN ISO 6789

Click type with reversible ratchet (45-tooth),  
Nm / lbf.ft window scale, push-lock scale  
setting, supplied in plastic case Individual  
calibration certificate to DIN ISO 6789



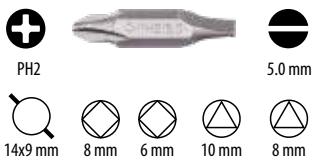
1000 V  
EN 60900  
±4 %  
10  
3/8"

| CODE NO   | Nm       | "   | mm  |   |
|-----------|----------|-----|-----|---|
| GD02-1125 | 5 - 25   | 3/8 | 400 | 1 |
| GD02-1105 | 10 - 50  | 3/8 | 467 | 1 |
| GD02-2110 | 20 - 100 | 1/2 | 467 | 1 |

## 1000V Special Tool

**E75-081**

Control Cabinet Key - 8 Profiles



For control cabinets and shut-off systems in supply of gas, water and electricity, die-casted zinc

| CODE NO | mm |    |
|---------|----|----|
| E75-081 | 71 | 12 |



## 1000V Tool Sets (VDE)

**G99-BP04**

4 Piece 1000V Pliers and Screwdriver Set  
(VDE-in Belt Pouch)

**new**



| CODE NO                       | 2023           |   |
|-------------------------------|----------------|---|
| G99-BP04                      |                | 1 |
| G12-18-0160                   | G01 4x100 mm   |   |
| 6105CP Voltage Tester (Short) | G02 PH2x100 mm |   |

**G99-BP06**

6 Piece 1000V Pliers and Screwdriver Set  
(VDE-in Belt Pouch)

**new**



| CODE NO                       | 2023                  |   |
|-------------------------------|-----------------------|---|
| G99-BP06                      |                       | 1 |
| G10-18-0180                   | G01 4x100, 5.5x125 mm |   |
| G12-18-0160                   | G02 PH2x100 mm        |   |
| 6105CP Voltage Tester (Short) |                       |   |

**G99-18-W09 Series**

9 Piece 1000V Pliers and Screwdriver Sets  
(VDE-in Vinyl Wallet)



| CODE NO      | 2023                          |   |
|--------------|-------------------------------|---|
| G99-18-W09PH |                               | 1 |
| G10-18-0180  | G01 2.5x75, 4x100, 5.5x125 mm |   |
| G12-18-0160  | G02 PH1x80, PH2x100 mm        |   |
| G15-18-0160  | 6105CP Voltage Tester (Short) |   |
| G99-18-W09PZ |                               | 1 |

**Content:** Same as G99-18-W09PH but with Pozidriv screwdrivers instead of Phillips

**G99-18-W12 Series**

12 Piece 1000V Pliers and Screwdriver Sets  
(VDE-in Vinyl Wallet)

**new**



| CODE NO      | 2023                          |   |
|--------------|-------------------------------|---|
| G99-18-W12PH |                               | 1 |
| G10-18-0180  | G01 2.5x75, 4x100, 5.5x125 mm |   |
| G12-18-0160  | G02 PH1x80, PH2x100 mm        |   |
| G15-18-0160  | 6105CP Voltage Tester (Short) |   |
| G99-18-W12PZ |                               | 1 |

**Content:** Same as G99-18-W12PH but with Pozidriv screwdriver instead of Phillips

# 07 VDE 1000V Tools and Multimeters

G99-P26

26 Piece Electrician Tool Set

new

26 PIECE

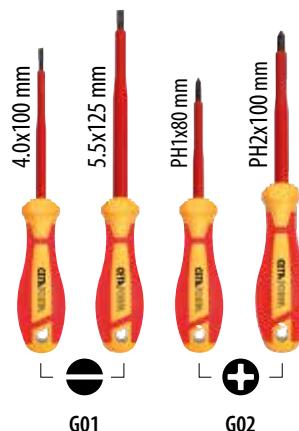


| CODE NO | PIECES | WxHxD / mm  |
|---------|--------|-------------|
| G99-P26 | 26     | 440x320x100 |

1000 V  
EN 60900



G10-18  
180 mm      G12-18  
160 mm



G01                    G02



G809 6 PC  
10, 12, 13, 14, 17, 19 mm

GJ47-EK1  
215 mm



GC12-H 10 PC   
8, 10, 12, 13, 14, 15, 16, 17, 19, 22 mm



GC11-12



GC11-70 2 PC   
80 mm, 155 mm

**G99-0431****31 Piece Electrician Tool Set**

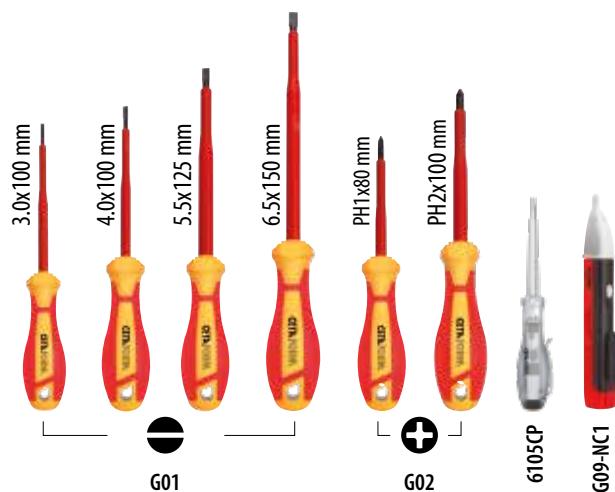
**new**  
content

**31 PIECE**

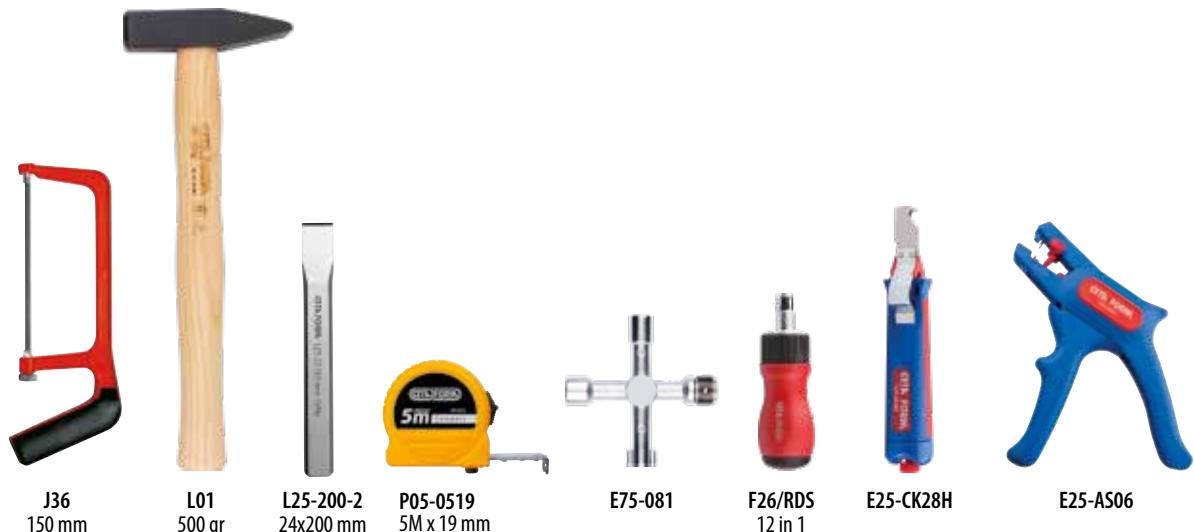
- The perfect tool kit for professional electricians in the industry and trade
- All tools in the set are of genuine industrial quality unlike most other combination tool kits on the market
- Available in different tool boxes and tool cases



G10-18  
180 mm      G12-18  
160 mm      G15-18  
160 mm      G30-58  
170 mm



G01                            G02  
G01                            G02  
6105CP                    G09-NC1



J36  
150 mm      L01  
500 gr      L25-200-2  
24x200 mm      P05-0519  
5M x 19 mm      E75-081      F26/RDS  
12 in 1      E25-CK28H      E25-AS06

**31 Piece Tool Set****Sets in Tool Boxes / Bags**

Contents Only



(G99-0431+A26-TB19)



(G99-0431+A27-19PL)



(G99-0431+A32)



(G99-0431+A32H)



CODE NO      G99-0431

G99-0431A26

G99-0431A27

G99-0431A32

G99-0431A32H

# 07 VDE 1000V Tools and Multimeters

## Digital Multimeters

### G80-AAC1

Digital Multimeter (AC/DC Current-Auto Ranging)



| CODE NO  | 1 |
|----------|---|
| G80-AAC1 |   |

NCV function, MAX/MIN mode, data hold, backlit display, REL mode, frequency/duty cycle, auto power off and beeper alarm, anti-high voltage circuit design, 1000V CATII, large LCD display, 2xAAA batteries

| FUNCTION    | INTERVALS                          | ACCURACY   |
|-------------|------------------------------------|------------|
| DC Voltage  | 400mV/4V/40V/400V/1000V            | ±(0.5%+5)  |
| AC Voltage  | 400mV/4V/40V/400V/750V             | ±(0.8%+10) |
| DC Current  | 400uA/4000uA/40mA/400mA/4A/20A     | ±(1.0%+5)  |
| AC Current  | 400uA/4000uA/40mA/400mA/4A/20A     | ±(1.5%+10) |
| Resistance  | 400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ       | ±(0.8%+2)  |
| Capacitance | 4nF/40nF/400nF/4uF/40uF/200uF      | ±(2.5%+5)  |
| Frequency   | 40nF/400nF/4uF/40uF/400uF/4mF/40mF | ±(0.5%+4)  |
| Temperature | 10Hz/100Hz/1kHz/10kHz/100kHz/1MHz  | ±(0.5%+4)  |
|             | -40°C~1000°C                       | ±(1.0%+5)  |
|             | -OFF ~1832°F                       | ±(1.0%+5)  |

TRUE RMS

### G80-AAC2

Digital Multimeter (DC Current)

### ONE BUTTON OPERATION

new



| CODE NO  | 1 |
|----------|---|
| G80-AAC2 |   |

Auto ranging, Automatically range, no shift for AVO tests, LCD display, NCV, True RMS tests, Data hold and backlight function, Analog bar display, Works with 3V AAAx2 battery

| FUNCTION     | INTERVALS  | ACCURACY   |
|--------------|--|------------|
| DC Voltage   | 6V/60V/600V  | ±(0.5%+5)  |
| AC Voltage   | 6V/60V/600V  | ±(0.8%+10) |
| AC Current   | 10A  | ±(1.5%+10) |
| Resistance   | 600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ                         | ±(0.8%+2)  |
| AC Frequency | Current 10Hz-1000Hz/voltage 10kHz-100kHz, 1mHz-10mHz | ±(0.5%+4)  |
| Temperature  | -40°C~1000°C   | ±(1.0%+5)  |
|              | -OFF ~1832°F   | ±(1.0%+5)  |

TRUE RMS

### G80-MDC2

Digital Multimeter (DC Current-Manual Ranging)

new



| CODE NO  | 1 |
|----------|---|
| G80-MDC2 |   |

Manual ranging, Voltage (AC/DC), current (DC), resistance, diode functions, LCD display, NCV, True RMS tests, Data hold function, Works with 3V AAAx2 battery

| FUNCTION    | INTERVALS               | ACCURACY  |
|-------------|-------------------------|-----------|
| DC Voltage  | 200mV/2V/20V/200V/600V  | ±(0.5%+4) |
| AC Voltage  | 200V/600V               | ±(1.0%+6) |
| DCA Current | 20uA//2mA//200mA/10A    | ±(1.0%+5) |
| Resistance  | 200Ω/2kΩ/20kΩ/2MΩ/200MΩ | ±(0.8%+1) |

## Digital Clampmeters

### G85-ADC1

Digital Clampmeter  
(AC/DC Current-Auto Ranging)



#### TRUE RMS

| CODE NO     | Clamp Span max. mm                          |            |
|-------------|---|------------|
| G85-ADC1    | 52  | 1          |
| FUNCTION    | INTERVALS                                   | ACCURACY   |
| DC Voltage  | 400mV/4V/40V/400V/1000V                     | ±(0.5%+5)  |
| AC Voltage  | 4V/40V/400V/750V                            | ±(1.0%+5)  |
| DC Current  | 40A/400A/1000A                              | ±(2.0%+5)  |
| AC Current  | 40A/400A/1000A                              | ±(2.0%+5)  |
| Resistance  | 400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ                | ±(0.8%+3)  |
| Capacitance | 4nF/40nF/400nF/4μF/40μF/4mF/40mF            | ±(3.5%+10) |
| Frequency   | 10Hz/100Hz/1kHz/<br>10kHz/100kHz/1MHz/10MHz | ±(2%+5)    |
| Temperature | -40°C~1000°C / -40°F~1832°F                 | ±(1.0%+5)  |

### G85-AAC1

Digital Clampmeter (AC Current-Auto Ranging)



#### TRUE RMS

| CODE NO     | Clamp Span max. mm           |           |
|-------------|------------------------------|-----------|
| G85-AAC1    | 52                           | 1         |
| FUNCTION    | INTERVALS                    | ACCURACY  |
| DC Voltage  | 200mV/2V/20V/200V/1000V      | ±(0.5%+5) |
| AC Voltage  | 2V/20V/200V/750V             | ±(1.0%+5) |
| AC Current  | 2A/20A/200A/1000A            | ±(2.0%+5) |
| Resistance  | 200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ | ±(0.8%+3) |
| Temperature | -40°C~1000°C / -40°F~1832°F  | ±(1.0%+5) |



## Infrared Thermometers

### G90-IR750

Infrared Thermometer

**new**



Backlight function, low battery indication, data hold function, Max./Min./AVG./DIF. HOLD function, High/Low temperature Alarm function, zero offset adjustment, unit symbol display

#### CODE NO

G90-IR750

1

#### TECHNICAL SPECIFICATIONS

|                           |                                   |
|---------------------------|-----------------------------------|
| Measurement Range         | -20°C ~ 750°C / 4°F ~ 1382°F      |
| Accuracy (Deviation)      | <-10°C±3°C / <14°F±6°F            |
| Response Time             | <400°C (<500ms) / >400°C (<300ms) |
| Measuring Distance        | D:S=12:1                          |
| Display Resolution        | 0.1°C / 0.2°F                     |
| Auto power off            | Appr. 6 Sec.                      |
| Measurement speed         | ≤ 0.5 seconds                     |
| Adjustable ignition ratio | 0.1 ~ 1                           |
| Led screen display        | 3 digits                          |
| Power consumption         | ≤50mW                             |
| Battery                   | 9V battery (6F22or equivalent)    |

### G90-IR550

Infrared Thermometer



Built-in laser pointer, backlit LCD display, data storage, max/min/average/DIF data storage, high/low heat alarm function, alert function on pre-set temperature, set to zero function, low battery warning, auto power off, 1x9V battery

#### CODE NO

G90-IR550

1

#### TECHNICAL SPECIFICATIONS

|                           |                                |
|---------------------------|--------------------------------|
| Measurement Range         | -50°C~ 550°C / -58°F~1022°F    |
| Accuracy (Deviation)      | ±1.5°C or ±1.5%                |
| Distance / Target Ratio   | D:S=12:1                       |
| Auto power off            | Appr. 6 Sec.                   |
| Measurement speed         | ≤ 0.5 seconds                  |
| Adjustable ignition ratio | 0.1 ~ 1                        |
| Led screen display        | 3 digits                       |
| Power consumption         | ≤50mW                          |
| Battery                   | 9V battery (6F22or equivalent) |



CETA FORM  
QUALITY