

Газовые горелки CARL ROTH

Технические характеристики

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Gas burners

Gas burners acc. to Bunsen

Usbeck.

Suitable for propane gas or natural gas. Made of die-cast zinc.
Connection for hose with inside Ø 9.5 mm.



Technical specifications:

Art. No.	CHP1.1	C634.1	CHP0.1	C633.1
Gas type	Natural gas		Propane gas	
Temperature	1500 °C		1550 °C	1520 °C
Consumption	110 l/h	100 l/h	55 l/h	
Pilot flame	No	Yes	No	Yes
Ø Head	17 mm			

(1) With needle valve and air regulation

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.
Natural gas	155	220	CHP1.1	1 unit(s)
Propane gas	155	220	CHP0.1	1 unit(s)

(2) With needle valve, pilot flame and air control

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.
Natural gas	155	245	C634.1	1 unit(s)
Propane gas	155	245	C633.1	1 unit(s)

Gas burners acc. to Bunsen and DIN

Usbeck.

Acc. to DIN. Suitable for propane gas or natural gas. Connection for hose with inside Ø 9.5 mm. Made of die-cast zinc.



Technical specifications:

Art. No.	Y562.1	Y564.1	CHT3.1	CHT5.1	Y561.1	Y563.1	CHT2.1	CHT4.1
Gas type	Natural gas				Propane gas			
Temperature	1500 °C				1540 °C	1550 °C	1520 °C	
Consumption	110 l/h	115 l/h	110 l/h		55 l/h			50 l/h
Ø Head	17 mm							

(1) Basic version with air control

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.
Natural gas	155	210	Y562.1	1 unit(s)
Propane gas	155	210	Y561.1	1 unit(s)

(2) With needle valve and air regulation

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.
Natural gas	155	210	Y564.1	1 unit(s)
Propane gas	155	210	Y563.1	1 unit(s)

(3) With needle valve, pilot flame and air control

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.
Natural gas	155	220	CHT3.1	1 unit(s)
Propane gas	155	220	CHT2.1	1 unit(s)

(4) With stop cock, pilot flame and air control

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.
Natural gas	155	225	CHT5.1	1 unit(s)
Propane gas	155	225	CHT4.1	1 unit(s)

Gas burners



Teclu burners

Usbeck.

Suitable for propane gas or natural gas. Made of die-cast zinc. Connection for hose with inside Ø 9.5 mm.

Technical specifications:

Art. No.	CHP5.1	CHP9.1	CHT1.1	CHP4.1	CHP8.1	CHT0.1
Gas type	Natural gas			Propane gas		
Temperature	1520 °C	1530 °C	1520 °C	1560 °C	1550 °C	1600 °C
Consumption	125 l/h	110 l/h		65 l/h	55 l/h	85 l/h
Pilot flame	No	Yes	No		Yes	No
Ø Head	17 mm		32 mm	17 mm		32 mm

(1) With needle valve and air regulation

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	155	260	CHP5.1	1 unit(s)	
Propane gas	155	260	CHP4.1	1 unit(s)	

(2) With stop cock, pilot flame and air control

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	155	265	CHP9.1	1 unit(s)	
Propane gas	155	265	CHP8.1	1 unit(s)	

(3) With needle valve, enhanced heat output and air control

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	165	330	CHT1.1	1 unit(s)	
Propane gas	165	330	CHT0.1	1 unit(s)	



Teclu burners

Usbeck.

Acc. to DIN. Suitable for propane gas or natural gas. Connection for hose with inside Ø 9.5 mm. Made of die-cast zinc.

Technical specifications:

Art. No.	CHT7.1	Y566.1	CHT9.1	CHT6.1	Y565.1
Gas type	Natural gas			Propane gas	
Temperature	1520 °C	1530 °C	1550 °C	1560 °C	1550 °C
Consumption	125 l/h	110 l/h	220 l/h	65 l/h	55 l/h
Pilot flame	No	Yes	No		Yes
Ø Head	17 mm		32 mm	17 mm	

(1) With needle valve and air regulation

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	155	260	CHT7.1	1 unit(s)	
Propane gas	155	260	CHT6.1	1 unit(s)	

(2) With stop cock, pilot flame and air control

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	155	265	Y566.1	1 unit(s)	
Propane gas	155	265	Y565.1	1 unit(s)	

(3) With needle valve, enhance heating output and air regulation

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	165	330	CHT9.1	1 unit(s)	



Gas burners



Gas burners with suction foot

Usbeck.

Acc. to DIN. Connection for hose with-Ø 9.5 mm. Suitable for propane gas or natural gas With suction foot:

- For stability on all smooth surfaces
- Accidental movement of the burner is largely avoided
- No metal in contact with the standing area

Technical specifications:

Art. No.	CK29.1	CK31.1	CK33.1	CK28.1	CK30.1	CK32.1
Gas type	Natural gas			Propane gas		
Temperature	1500 °C		1520 °C	1550 °C	1520 °C	1560 °C
Consumption	115 l/h	110 l/h	125 l/h	55 l/h	50 l/h	65 l/h
Pilot flame	No	Yes	No		Yes	No
Ø Head	17 mm					

(1) With needle valve and air control - Bunsen gas burner

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	155	220	CK29.1	1 unit(s)	
Propane gas	155	220	CK28.1	1 unit(s)	

(2) With stopcock, pilot flame and air control - Bunsen gas burner

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	155	225	CK31.1	1 unit(s)	
Propane gas	155	225	CK30.1	1 unit(s)	

(3) With needle valve and air control - Teclu gas burner

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	155	260	CK33.1	1 unit(s)	
Propane gas	155	260	CK32.1	1 unit(s)	



Gas burners with double lever stop cock

Usbeck.

Acc. to DIN. Connection for hose with inside Ø 10 mm. Suitable for propane gas or natural gas. With double lever stopcock, pilot flame and air regulation.

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	150	290	CX72.1	1 unit(s)	
Propane gas	150	290	CX71.1	1 unit(s)	



Gas burners

For propane or natural gas. A non-tilting stand and a low centre of gravity ensure high stability. The burner can be removed from the stand. The tilt angle can be set via a resolution to 60°/90°/120°. With separate chimney for low flame and control valve to switch over between main and pilot flame. A regulation mechanism for the air supply allows finest settings for the flame temperature. Installation height depends on the angle setting 100/107 mm, weight 530 g. Suitable for continuous operation

Gas type	Art. No.	Pack Qty.	
Natural gas	H613.1	1 unit(s)	
Propane gas	H612.1	1 unit(s)	



Safety laboratory burners acc. to Teclu

With thermo sensor safety valve (if the flame extinguishes of the gas supply is interrupted, the safety valve closes automatically). Solid round base. With air regulation and needle valve.

Gas type	Total height (mm)	Weight (g)	Art. No.	Pack Qty.	
Natural gas	180	300	NA05.1	1 unit(s)	
Propane gas	180	300	NA04.1	1 unit(s)	



Horizontal burner

For soldering, melting, burning-off etc. With piezo ignition. Flame temperature up to 1300 °C. Sturdy metal construction with slip-resistant piston for one-handed operation. Safety switch Dimensions: Ø 30 mm x H 150 mm. Fillable with lighter gas.

Delivery without filling, refillable gas please order separately.

Type	Art. No.	Pack Qty.	
Horizontal burner	YE28.1	1 unit(s)	

Gas burners



Micro horizontal burners GB 2001

For soldering, welding, stoving and melting glass, made of chrome and camera-plastic. Piezo-electric ignition and fine flame produces temperatures up to 1300 °C. Tank for liquid butane in handle, sufficient for two hours normal operation. Height 145 mm, weight empty 200 g. Complete with removable stand, without filling for safety reasons.

Delivery without filling, refillable gas please order separately.

Type	Art. No.	Pack Qty.	
GB 2001	0386.1	1 unit(s)	



Universal refillable gas

With 250 ml liquid butane and 5 different injection nozzles.

Danger H220-H280

Designation	Vol. (ml)	Art. No.	Pack Qty.	
Universal refillable gas 250 with liquid butane	250	1652.1	1 unit(s)	



Gas burners Labogaz® 206

Camping Gaz.

For operation with cartridge C 206 D Super. With Clip & Go mounting system for simple cartridge change. With cartridge bell made of plastic Flame temperature approx. 1100 °C. Dimensions without cartridge: height 130 mm, Ø 90 mm.

Delivery without stand and cartridge, please order separately.

Designation	Art. No.	Pack Qty.	
LABOGAZ® 206	0802.1	1 unit(s)	

Accessories stand foot for LABOGAZ 206

Camping Gaz.

Designation	Art. No.	Pack Qty.	
Stand for Bunsen burner laboratory gas 206	X711.1	1 unit(s)	



Gas burners Labogaz® 470

Camping Gaz.

For operation with cartridge CV 470 plus. Dimensions without cartridge: Ø 22 mm, height 59 mm.

Delivery without cartridge, please order separately.

Designation	Art. No.	Pack Qty.	
LABOGAZ® 470	Y650.1	1 unit(s)	



Gas cooker Twister® Plus OZ

Camping Gaz.

Easy Clic®-Connection for easy fitting of valve cartridges. With 3 container holders. **Piezo ignition**. Operation with gas cartridges CV 470 plus. Continuous operation of cartridge: approx. 2 h with CV 470 plus. Dimensions (without cartridge): L 105 x W 70 mm, pot rest Ø 140 mm. Weight (without cartridge) 285 g.

Delivery without gas cartridge, please order separately.

Designation	Art. No.	Pack Qty.	
Twister® Plus OZ	EL22.1	1 unit(s)	



Gas burners



Fine soldering unit Spotflam

Camping Gaz.

Network-independent multi-purpose unit with micro burner and fine soldering iron for attachment Flame adjusts directly adjusting the air supply setting. Burning duration approx. 4 hours. Applications: heating of test tubes, sterilisation of instruments, hard and soft soldering.

Danger H220-H280
Delivery incl. cartridge CV 360.

Designation	Art. No.	Pack Qty.
Spotflam	T926.1	1 unit(s)



Soldering blow torch Soudogaz® X series

Camping Gaz.

Flame temperature approx. +1800 °C. Weight with cartridge approx. 800 g. Flame adjustment. Gas consumption 120 l/h.

Delivery without cartridge, please order separately.

(1) Model X 2000

Type	Art. No.	Pack Qty.
X 2000	0777.1	1 unit(s)

(2) Model X 2000 OZ with automatic piezo-electric ignition

Type	Art. No.	Pack Qty.
X 2000 OZ	N183.1	1 unit(s)



Mobile hand-held laboratory gas burner powerjet

WLD-TEC.

For all flame-protection sterilisations in microbiological or biotechnological field.

- Flame temperature approx. 1350 °C
- Automatic ignition through piezo effect
- The burner ignites when the button is pressed; the flame extinguishes when the button is released
- Continuous adjustment of the flame size
- Operation with gas cartridge CG 1750, optimal for laboratories without central gas supply
- Dimensions: W 150 x H 180 mm

Delivery incl. gas cartridge adapter for cartridge CG 1750. Without cartridge CG 1750, please order separately.

Type	Art. No.	Pack Qty.
powerjet	EL35.1	1 unit(s)



Mobile hand-held laboratory gas burner powerjet 2

WLD-TEC.

For connecting the central gas supply (propane, butane and natural gas) and for operation with gas cartridge CV 360.

- Flame temperature: approx. 1350 °C for liquid gas and 1300 °C for natural gas
- Automatic ignition through piezo effect
- Gas supply only when the button is pressed
- The burner ignites when the button is pressed; the flame extinguishes when the button is released
- With lock to set the flame for mobile continuous flaming
- Continuous adjustment of the flame size
- Dimensions: W 150 x H 210 mm

Delivery incl. gas cartridge adapter for cartridge CV 360, nozzle for propane/butane gas and natural gas, hose nozzle with union nut, nozzle socket wrench, wrench and stainless steel holder. Gas cartridge CV 360, please order separately.

Designation	Art. No.	Pack Qty.
powerjet 2	EP56.1	1 unit(s)

Gas burners



Gas cartridges

Camping Gaz.

Technical specifications:

Art. No.	T927.1	EL36.2	0191.2	Y652.1	Y652.2
Type	CV 360	CG 1750	C 206 GLS	CV 470 plus	
Height	140 mm		90 mm	135 mm	
Ø ext.	38 mm	60 mm	90 mm	109 mm	

Danger H220-H280

(1) Valve cartridge CV 360

Space-saving butane cartridges can be removed from the unit, even when they are not completely empty. The valve ensures that the gas does not escape.

Type	Designation	Art. No.	Pack Qty.	
CV 360	Valve cartridge CV 360, 52 g	T927.1	6 unit(s)	

(2) Screw valve cartridge CG 1750

Special mixture 70/30 butane/propane. Self-sealing safety valve, removable and re-attachable even if the cartridge is not yet empty.

Type	Designation	Art. No.	Pack Qty.	
CG 1750	Screw valve cartridge CG 1750, 170 g	EL36.2	8 unit(s)	

(3) Pierce-through cartridge C 206 GLS

Butane/propane mixture 80/20 %. If pierce-through cartridges are fitted to the unit, they may only be removed when they are completely empty. With gas lock system acc. to EN 417:2012. The system extensively retains the gas in the cartridge if the unit and cartridge are disconnected unintentionally.

Type	Designation	Art. No.	Pack Qty.	
C 206 GLS	Pierce-through cartridge C 206 GLS, 190 g	0191.2	8 unit(s)	

(4) CV 470 plus Valve cartridge CV 470 plus

Butane/propane mixture (80/20 %). Valve cartridges can be removed from the unit, even when they are not completely empty. The valve ensures that the gas does not escape.

Type	Designation	Art. No.	Pack Qty.	
CV 470 plus	Valve cartridge CV 470 plus, 450 g	Y652.1	2 unit(s)	
CV 470 plus	Valve cartridge CV 470 plus, 450 g	Y652.2	12 unit(s)	



Spirits burner

DWK Life Sciences.

Delivery incl. wick.

(1) Made of stainless steel

With wick regulating facility and sealing cover. Volume approx. 85 ml. Dimensions: Ø 100 mm, H 65 mm. Weight 105 g.

Type	Art. No.	Pack Qty.	
Spirit burner made of stainless steel	AL28.1	1 unit(s)	

(2) Made of calcium soda glass

With ground sealing cover. Volume approx. 100 ml. Dimensions: Ø 76 mm, H 102 mm. Weight 190 g.

Type	Art. No.	Pack Qty.	
Spirits burner made of calcium soda glass	AL29.1	1 unit(s)	

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