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> [ICO CO2 16g Threaded Cartridges Instruction Manual](#)

ICO ICOC1605T

ICO CO2 16g Threaded Cartridges Instruction Manual

Model: ICOC1605T

INTRODUCTION

This manual provides essential information for the safe and effective use of ICO CO2 16g Threaded Cartridges. These cartridges are designed for various applications, including inflating bicycle tires and dispensing food-grade beverages.

IMPORTANT SAFETY INFORMATION

- CO2 cartridges contain compressed gas. Handle with care.
- Do not expose cartridges to heat above 120°F (49°C) or direct sunlight.
- Do not puncture, incinerate, or store in confined spaces.
- Keep out of reach of children.
- Each cartridge is for single-use only.
- Always use a protective sleeve or glove when handling cartridges during discharge, as they can become very cold.
- Ensure proper ventilation when using.

SETUP AND INSTALLATION

These ICO 16g threaded CO2 cartridges are designed for use with compatible CO2 inflators and dispensers that feature a 3/8"-24 TPI threaded connection.

For Bike Tire Inflation:

1. Ensure your CO2 inflator's air nozzle is closed before installation.
2. Place the CO2 cartridge into a protective insulating sleeve to prevent frostbite during use.
3. Screw the threaded end of the cartridge firmly into the inflator head until it is securely seated and the cartridge is pierced.
4. Attach the inflator head to your bicycle tire valve (compatible with Presta and Schrader valves).
5. Slowly open the inflator's valve or press the trigger to release CO2 into the tire.
6. Inflate to the desired pressure (e.g., road tires to 100 psi, MTB tires to approximately 40 psi).

7. Once inflated, close the inflator valve and remove it from the tire. Unscrew the empty cartridge from the inflator.

Video: Demonstrates the function and usage method of CO2 cartridges for tire inflation.

Great for Road and Mountain Bikes

Max Pressure Achieved is 130 PSI!

No Pump Needed

INFLATION IN SECONDS!

Image: A CO2 inflator attached to a bicycle tire valve, demonstrating quick inflation.



Image: A detailed view of a CO2 bike tire inflator.

OPERATING INSTRUCTIONS

Bicycle Tire Inflation:

These 16g CO2 cartridges provide rapid inflation for bicycle tires. A single cartridge can inflate a road tire to approximately 100 psi or a mountain bike tire to about 40 psi. Always refer to your tire's recommended pressure.

Video: Shows the process of inflating bike tires using 16g threaded CO2 cartridges.

Food and Beverage Dispensing:

ICO CO2 cartridges are food-grade and suitable for use with compatible kitchen and brewing devices, such as pressurized beer mini kegs and growler tap systems. They contain pure CO2 gas with no oils or additives, ensuring no impact on taste.

FOOD SAFE

Fits Most Beer Growlers and Mini Kegs

Perfect for Dispensing Craft Beer!

100% Food-Grade, Non-Lubricated, Pure CO2 Gas

NO Oils! NO Additives! NO Taste!

Image: A mini keg dispensing beer, illustrating the food-grade application of CO2 cartridges.

Other Applications:

These cartridges are compatible with any CO2-powered tool designed for standard 16g threaded CO2 cartridges.

CARE AND MAINTENANCE

- Store unused cartridges in a cool, dry place away from direct sunlight and heat sources.

- Empty cartridges are made of 100% recyclable steel. Dispose of them according to local recycling guidelines.
- Keep the threads of your inflator clean and free from debris to ensure a proper seal.

TROUBLESHOOTING

Issue: Cartridge does not pierce or gas does not release.

Solution: Ensure the cartridge is fully and firmly screwed into the inflator head. Check that the inflator's valve mechanism is functioning correctly and is not obstructed. Some inflators require a quick, firm twist to pierce the cartridge.

Issue: Gas leaks during inflation.

Solution: Verify that the cartridge is tightly screwed into the inflator and that the inflator head is securely attached to the tire valve. Inspect the rubber seals (O-rings) on your inflator for any damage or wear. Replace if necessary.

Issue: Tire does not inflate to desired pressure.

Solution: A single 16g cartridge has a finite capacity. For larger tires or higher pressures, multiple cartridges may be required, or the tire may have a leak. Check for punctures in the tire or tube.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	ICO
Model Number	ICOC1605T
Material	Alloy Steel
Item Weight (per cartridge)	16 Grams (approx. 0.564 ounces)
Product Dimensions (per cartridge)	Approx. 3.5" (89mm) long, 5/6" (21mm) diameter
Neck Length	11mm
Neck Diameter	7mm
Thread Type	3/8"-24 TPI
Maximum Pressure (Road Tire)	100 psi
Maximum Pressure (MTB Tire)	40 psi
Gas Type	100% Carbon Dioxide (CO ₂)
Food Grade	Yes

Pitch Diameter:
3/8" / 9.5mm

Thread Pitch:
1mm

Thread: 3/8" - 24 TPI UNF

3.5" / 89mm

5/6" / 21mm

+

+

**THREADED &
LIGHTWEIGHT**

>>>>>>

**Weighs Only
2oz / 58g**

Image: Illustrates the threaded end and dimensions of the CO2 cartridge.

WARRANTY AND SUPPORT

Warranty Information:

ICO guarantees the quality of its CO2 cartridges for two years from the date of purchase.

Customer Support:

For further assistance or inquiries, please visit the [ICO Store on Amazon](#) or contact the manufacturer directly.