

PRODUCT SHEET

Carbon Trap / Carbon Count

Main Applications

Trapping and counting of CO₂ from Oxidisers or Pyrolyzers for C-14 determination by liquid scintillation counting

Packing

Order N°.	Description	Packing
ME-OXI-CT10	Carbon Trap	4 x 2.5 Liter glass bottles in a box
ME-OXI-CC10	Carbon Count	4 x 2.5 Liter glass bottles in a box
ME-OXI-EP5	1 x 2.5 Liters bottle Carbon Trap 1 x 2.5 Liters bottle Carbon Count	2 x 2.5 Liter glass bottles in a box
ME-OXI-EP10	2 x 2.5 Liters bottles Carbon Trap 2 x 2.5 Liters bottles Carbon Count	4 x 2.5 Liter glass bottles in a box

Physical and chemical properties

Solvent : CarbonTrap: 3-Methoxypropylamine

CarbonCount: Pseudocumene

Flash point : CarbonTrap: ≈ 27°C

CarbonCount: ≈ 36°C

Conditions of utilization

Recommended T of utilization : Carbon Count: 15 – 20°C

Carbon Trap: /

Storage: Dry and dark, T<30°C

Oxidiser / Pyrolyser supplies



CarbonTrap

High capacity carbon dioxide absorber (CO₂ capacity: 4,8 mM.mL⁻¹) used to trap radioactive carbon dioxide produced in sample oxidisers and pyrolyzers.

CarbonCount

Specific cocktail for the counting of radioactive carbon dioxide captured in CarbonTrap.