

Olon with its new equipment and safety device **can handle Carbon Monoxide (CO) at high pressure** in both R&D Lab and production plant.

KEY FEATURES

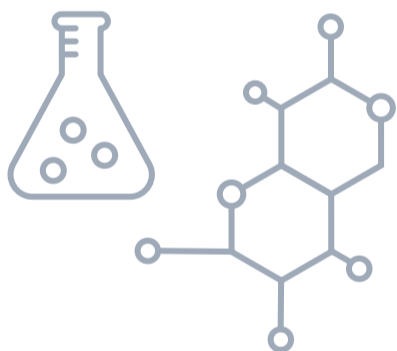
- > CO can be used in Olon for Carbonylation reaction from low up to high pressure.
- > From Lab scale to hundreds of kilograms.
- > Full integrated system for storage, handling, use and dispose fluorinating agents.



Valued **Top 10** pharmaceutical Companies are already our exclusive customers.

Challenges for Carbonylation reactions

- > High toxicity
- > High explosivity
- > High reaction pressure (higher than 20 bars)



Olon background:

- > Long and strong experience in handling explosive gases (such as H₂)
- > Long and strong experience in handling highly toxic gases (such as HCN)
- > Reactors operating up to 60 bars
- > Reactors capacity up to 2000 liters

Olon's Control Strategy

- > Interlock valves on the CO feeding pipeline
- > CO detector in both R&D and manufacturing plant
- > State of the Art high performance Regenerative Thermal Oxidizer (RTO), able to treat large quantity of explosive and toxic gases



OLON IS YOUR IDEAL PARTNER SUPPLIER

More than 1 Century expertise in production of API and Late Intermediates

Chemical Process development from few grams up to MT also for high containment products

Cost efficiency and purity due to our technology portfolio for both synthesis and purification

Reliability