

# Densitometer for molten fluoride salts

- ❖ Densitometer has been developed in-house for molten salt applications.
- ❖ Based on Archimedes principle, compensated for thermal expansion.
- ❖ It was used to measure the density of molten nitrate salts and upgraded for measurements on fluoride salts inside an inert gas glovebox.



**Densitometer**



**Close-up view of the bob submerged in molten salt**