

REGA

ROTATING ELECTRODE GAS ATOMIZER

Retech REGA Metal Powder systems combine crucible-less, induction melting of oxygen sensitive metals and alloys with inert gas atomization for the production of a variety of powder specifications. Designed to melt ingots ranging from 50 mm (2") to 85mm (3") in diameter by 1 meter long, a REGA provides the flexibility to melt a range of specialty metals and alloys in order to meet the needs of our customers.

For Atomization Of:

- Titanium
- Nickel
- Cobalt
- Ferrous alloys
- Reactive metals
- Refractory metals



REGA Atomizer Specifications

System Type	Rotating Electrode Gas Atomization (REGA)
Feedstock Sizes	Ingots: 50 mm (2") x 1000 mm long 100 mm (4") x 1000 mm long
Available Powder Handling Equipment	Yes

Technical Data

Power Output	80 kW
Reactive Metals	Yes
Non-Reactive Metals	No
In Process Alloying Capability	No

Powder Data

Materials	Ti 6Al 4V (wt. %) and Ti 48-2-2 (at. %)
Powder Morphology	Spherical
Atomization Rate	30 - 90 kg/hr
Size	D_{50} : 50 - 120 μ m