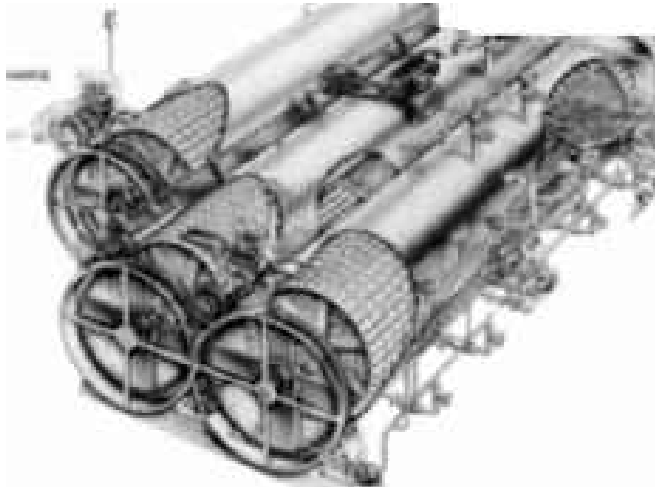


Continuous Rotary (Agitating) Retorts

Characteristics of these retorts:

- Uses steam as the heating medium
- Continuous container handling
- Intermittent product agitation
- At least two shells
- Configuration will vary
- Rotating reel with steps to hold containers
- Spiral T attached to shell to move containers through



Advantages of using Steam:

- Excellent Medium for Heat Transfer
- Temperature Easily Regulated
- Pressure Can Counter- balance Internal Can Pressure
- Easy to Produce and Stored for Instant Use

Instrumentation needed:

- Temperature indicating device (Mercury-in-Glass - MIG) or equivalent device (e.g., Resistance Temperature Device – RTD or Digital Temperature Gauge-DTG)
- Temperature/time recording device

Advantages:

- Short process time
- Continuous input

Disadvantages:

- Extra critical factors
- Container size limits
- Larger investment than a still steam retort

Critical Operating Parameters: Condensate build-up; Container Headspace; Product Consistency; Reel speed.