

## Sample Preparation / Sizing / Fusion:

- **Crushing, milling and grinding sample preparation equipment:**  
Roll crushers , cross beater mills, laboratory jaw crushers, roller ball mills, ball mill pots and charges, swing hammer mills, micro hammer cutter mills, gyro mills, McCrone micronising mill, Udy cyclone mill, Chemplex grinders and mills, gyral grinder, mortar and pestles. Agate, steatite, alumina, carbon / stainless steel balls.
- **Ring mill heads:**  
Sietronics offers a wide range of heads to be used on your ring mill. Head materials include agate, carbon steel, chrome steel, tungsten carbide and zirconia.
- **Presses, die sets + accessories:**  
Manual 12t and 20t and automatic 30t presses. Stainless steel die sets up to 85t, briquetting / pellet cups, Spectropellet film, pellet release aids, briquetting additives and binders.
- **Automatic fusion machines:**  
Chemplex AutoFluxer is fully automated and operates on either propane or natural gas and is available with 2 or 4 heating stations. Because of auto-ignition of burners and automatic pouring, the operation of the AutoFluxer is safer and easier compared to conventional gas burners. The ability to operate each heating station independently allows for simultaneous processing of different samples.
- **Particle Sizing:**  
Photo optical particle analysis systems, counting, size and shape up to 10,000 particles per second.  
Certified sieves, sieve shakers, Ro-Tap, cleaners (Ultrasonic)
- **Miscellaneous:**  
Comprehensive range of OHAUS balances. Floor, laboratory and analytical.  
Ultrasonic Baths  
Drying Ovens  
Hotplates  
Vortex Mixers