

D2 PHASER | BRUKER

The Benchtop X-ray Powder Diffraction uses X-ray diffraction on powder or microcrystalline samples for structural characterization of materials.

How It Can Help:

- Approximate particle sizing for nano-powders
- Determine directionality in textured films and solids
- Ideal for powders analysis
- Phase identification and analysis of mineralogical samples

Detail Description:

Specifications:

- 2θ range from -5° to 150°
- ϕ rotation 360°
- State-of-the-art Lynxeye detector with 192 channels

How Much Does it Cost:

- Typically \$35 per hour, plus assistance if needed.

What Can I Expect:

The unit is located at MCE 1325 (110 Central Campus Dr, Salt Lake City, UT 84112). Schedule a time to use the equipment with the MCE Dept and request assistance if required.

How to Get Started:

- Review training at: <https://mcl.mse.utah.edu/equipment/bruker-d2-phaser>