Bruker XRD D8 Discover

Overview

The D8 DISCOVER family is the most accurate, powerful and flexible X-ray diffraction solution on the market. To cover a vast range of applications from classic powder diffraction to cutting edge materials research, every D8 DISCOVER can be fully customized with the latest technology including high-performance X-ray sources, specialized optics, dedicated sample stages and multi-mode detectors.

LMACS Name	Bruker D8 XRD / Bruker D8 XRD - Heating
Confluence Label	bruker-xrd-d8-discover
Process Area	CHARACTERIZATION
Model	D8 Discover
Vendor	Bruker Corporation
Team	Peng Li Xuehai Tan Nastaran Yousefi Fenglin Liu Devin Fortier
Location	CMEB L2 - 136

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System Features

X-ray Source	Cu		
Sample Application	Powder	Heating sample	
Powder Diffraction Range	4- 130 degree		
Scan Plane	Coupled	Coplanar	
Detector	LynxEYE		
Application Software	EVA	TOPAS	
Heating Temperature Range	30 -850 C		
Insitu XRD parameters	vacuum pressure is 220 mmHg from the pump	Nitrogen flow max pressure 3 psi (0.2 bar)	Nitrogen flow rate, 50-15 mL/min

Documents

Operating Procedure	
Hazard Assessment	

Related Documents

- Rigaku XRD Ultima IV (Equipment)
  - equipment
  - characterization
  - xrd
  - $labeltext
  - rigaku-xrd-ultima
- Bruker XRD HA (Equipment)
  - hazard-assessment
  - xrd
  - equipment

    - bruker-xrd-d8-discover
    - characterization
- Bruker XRD D8 Discover SOP (Equipment)
    - sop
    - equipment
    - xrd
    - characterization
    - bruker-xrd-d8-discover