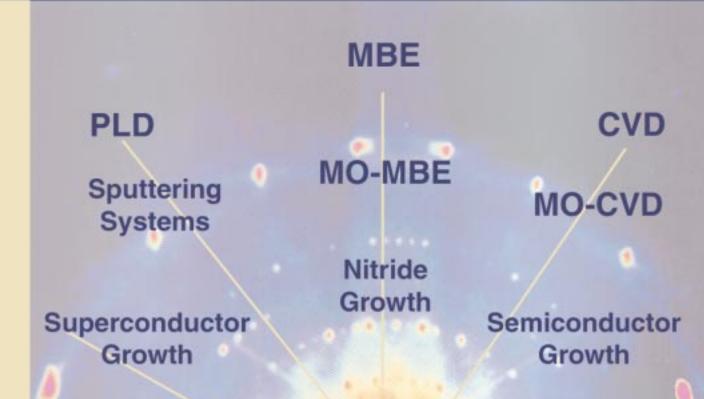


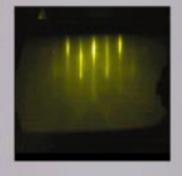
## **Torr RHEED**™

**New RHEED Technique** 

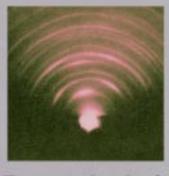
### STAIB INSTRUMENTS



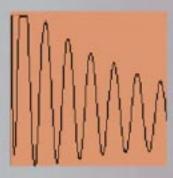
High Pressure
Reactive Environment
In-Situ Growth Characterization



Crystal Structure Lattice Spacing



**Texture Analysis** 



**Growth Rate** 



# **Torr RHEED**™

#### STAIB INSTRUMENTS

### **Design Options**

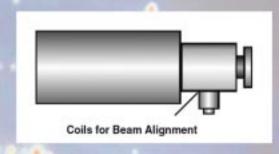
Azimuthal Angle Control Computer Control Retraction Incidence Angle Adjustment High Temperature Isolation Gate Valve

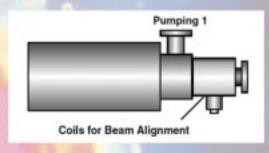
Up to 10° Torr Non-Reactive Environment

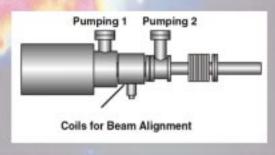
Up to 10<sup>-3</sup>Torr Reactive or Non-Reactive Environment

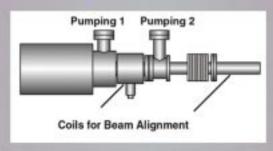
Up to 1 Torr Reactive Environment with Mechanical Alignment

Up to 1 Torr
Reactive Environment
with Mechanical Alignment
and Electronic Beam Deflection
(Incidence and Azimuth)









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