

## iTops A230 AlN Sputter System

### System Overview

iTops A230 Aluminum Nitride Sputter System deposits a high crystalline AlN buffer layer with excellent thickness uniformity on sapphire substrates for the production of blue, green and UV LED devices. The higher vacuum and temperature capabilities produce superior AlN films.

<b>Substrate Size:</b>	50 mm, 100 mm, 150 mm
<b>Applications compounds:</b>	Aluminum Nitride (AlN)
<b>Technology Markets:</b>	Blue, Green and UV LED

### Processes

- Aluminum Nitride buffer layer

### Production Advantages

- High operating temperature with accurate temperature control
- Excellent vacuum capability
- Excellent particle control ability
- Adjustable process parameters such as sputtering power, process pressure, and temperature
- Unique plasma sputtering source effectively improves plasma ionization rate and target utilization rate



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