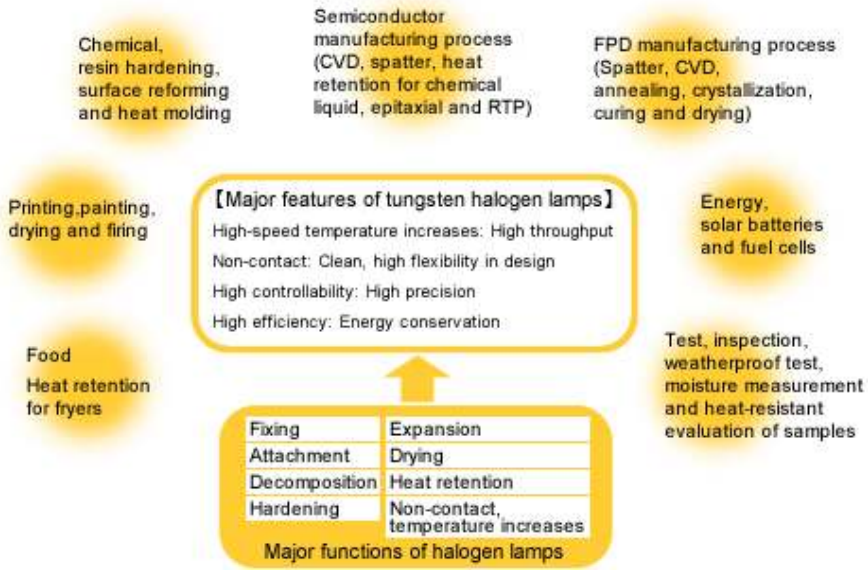
Functions, Uses and Representative Samples

Functions

- Non-contact temperature increases
- Heat retention
- Drying
- Hardening
- Decomposition
- Expansion
- Attachment
- Fixing



Example of Uses

Halogen heaters are used for solution activities involved with issues in a wide range of industries and fields.

Electronics	Semiconductors	Heat retention of liquid, spatter, epitaxial growth, RTP, ashing and annealing
	Various FPD	Preheat, spatter, CVD, annealing, crystallization, curing and drying
	Energy	Forming films for solar batteries and fuel cells
Various molding	Resin	Resin hardening, tray molding and plastic bottle molding
	Die	Rolling
Printing and painting	Printing	Drying, firing, hardening and fixing
	Painting	Paint drying、
Test and analysis	Inspection	Temperature increases of samples
	Test	Heat-resistant experiments and evaluation (weatherproof testing machines, etc.)
	Analysis	Heat-resistant evaluation of heat sources of moisture measuring equipment and various coating films
Food	Appliances	Fryers and baking
	Catering	Heat retention

Representative Samples for Halogen Heaters

(1) Wafers Overall wafers such as silicon, SiC, SOI and compounds
(2) Glass Overall glass such as glass substrates for LCDs and PDP
(3) Resin Overall resin such as PET and polycarbonate (PC)
(4) Metal Overall metal including iron, copper and aluminum