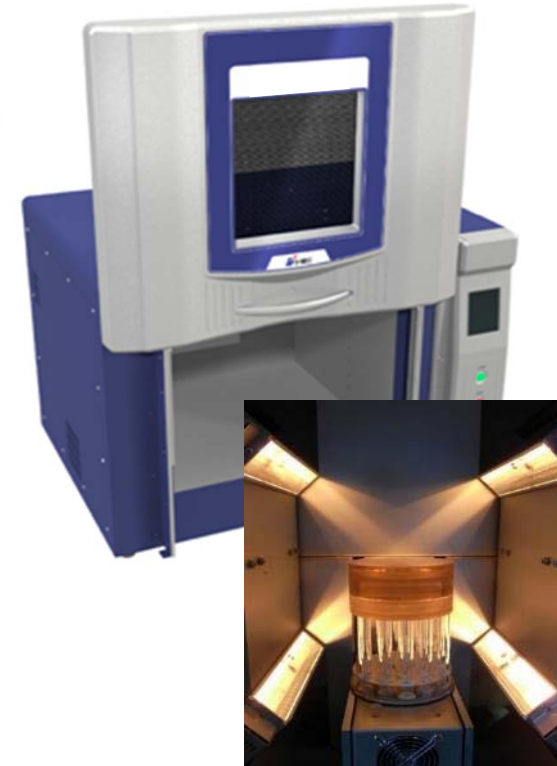


## *Applying Photon Molding to illuminate the future of thermoplastic resin molding industry*

Micro-wave Irradiation Molding Systems and Near-infrared Ray Irradiation Molding Systems are collectively referred to as "Photon Molding". In these systems, silicone rubber molds filled with micro-sized thermoplastic resin pellets are irradiated with micro-waves or near-infrared waves, melting the resins to form products. This eliminates the need for expensive molds, enabling dramatic reductions in both costs and delivery times. The system can be used with almost all thermoplastic resins, it can be used for products development stage and production of service parts.



**AIRBIC, Room A08, Manufacturing**