



# Cleaning Master

## IAI Inkjet Contactless Cleaning Station

Based on the proven inkjet cleaning principles in use and operational on IAI's BookMasterPro systems for several years, IAI has now developed this unit for its BookMaster One and CardMaster One systems. The unit is available as an option for newly purchased machines or as an upgrade to operational machines. It is a contactless cleaning process that utilises air to create a vacuum purge to remove excess ink and debris from the print nozzles. The cleaning head does not touch the surface of the printhead nozzles and leaves no new contamination on the printhead. The process is quickly and easily initiated through the maintenance screen of the machine User Interface.

### Product Benefits (why):

#### Operational Benefits

- Saves time and enables operators to perform other tasks.
- Multiple systems can be cleaned in parallel by one operator.
- Cleaning of single or multiple printheads can be performed depending on needs.
- Faster return to production.
- No opening of machine covers or removal of inkjet section required.

#### Accuracy Benefits

- Because the cleaning is fully automated and contactless; it is accurate, consistent, and the sensitive nozzle heads run a lower risk of damage.

- Contamination prevention: The area around the nozzles of the printheads is not touched during the cleaning process and inks are not transferred from one head to the others during cleaning

#### Health & Cost-saving Benefits

- Reduced direct contact between the operator and cleaning fluids or excess inks minimizes the risk of spills and stains.
- Reduces costs of consumables, associated with manual wiping (reduced need for Personal Protective Equipment like gloves and goggles and cleaning material such as Flush and swabs).

# Through Contactless Cleaning

A controlled and precise cleaning regime is deployed, which contributes to a consistent printing quality and translates into direct operational savings and efficiencies. IAI's contactless cleaning unit is now available as an optional enhanced user functionality on new BookMaster One or CardMaster One machines or as an upgrade to operational machines.

