

# The ImageMaster™ Phototool Processor

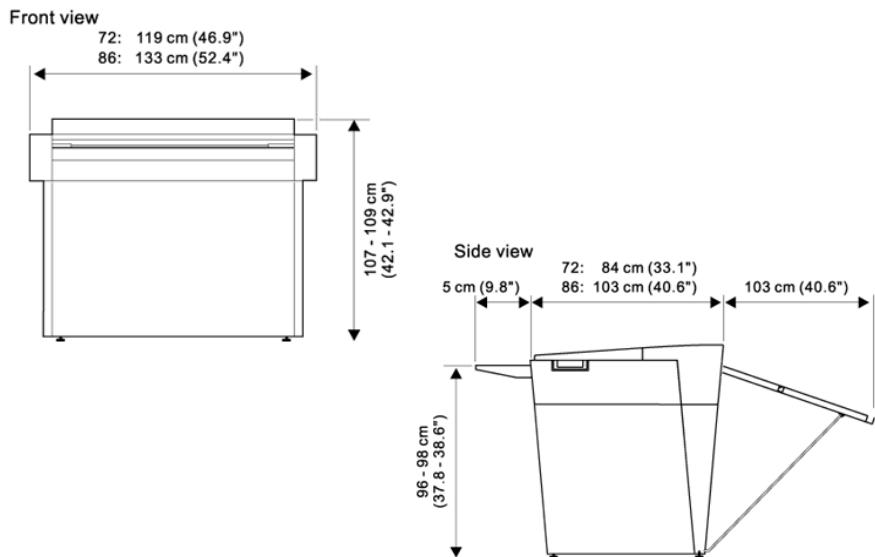
For the ImageMaster™ Phototooling System,  
Part of the Riston® MasterSeries of High Performance Products  
for Fine Feature Imaging of Printed Wiring Boards



# ImageMaster™ Processors

## IM-72 & IM-86

- **Consistent high-quality**
  - Very accurate temperature control
  - Uniform transport speed
  - Extra drying capacity
  - Improved chemistry circulation
- **Economical**
  - Precise replenishment
  - More film input sensors
  - High accuracy bellows pumps
  - Anti-oxidation covers
- **High Flexibility**
  - Develops all phototooling films, rapid access films, and hard dot materials
- **High Productivity**
  - Efficient dryer ensures dry films at fastest specified dev. times
  - Electronic monitoring secures uniform feeding speed
  - Fast warm-up time
- **Maintenance and Service Friendly**
  - Light weight, easy cleaning rack modules
  - No tools required to remove rollers and bearings
  - Dryer assembly easily removed
  - Easy access to filters
- **User-friendly**
  - Tanks easily drained with quarter turn of drain/overflow tube
  - Convenient and precise operation through menu driven control panel
  - Automatic replenishment
  - Timer for automatic start and stop
- **State of the Art Design**
  - Complies with CE safety standards
  - UL, c/UL, and GOST-R certified



<b>Sizes</b>	72 cm (28") / 86 cm (34")
<b>Capacity</b>	66 cm (26.1") / min. at 30 sec. development time
<b>Dry-to-Dry Time</b>	126 sec. at 30 sec. dev. time
<b>Materials</b>	Phototooling film, rapid access film, hard dot film, daylight film, repro film
<b>Material Width</b>	10 cm (4") - 72 cm (28")/ 86 cm (34")
<b>Material Length</b>	12 cm (4.7") - 30 m (100 ft)
<b>Material Thickness</b>	0.08 mm (0.003") - 0.2 mm (0.008")
<b>Developing Time</b>	10 sec.- 40 sec.
<b>Tank Capacity, Dev.</b>	18.5 L (4.9 US gal.)/ 21.5 L (5.7 US gal.)
<b>Tank Capacity, Fix</b>	18.5 L (4.9 US gal.)/ 21.5 L (5.7 US gal.)
<b>Tank Capacity, Wash</b>	17.0 L (4.5 US gal.)/ 20.0 L (5.3 US gal.)
<b>Temp. Range, Dev.</b>	20-40° C (68-104° F)
<b>Temp. Range, Fix</b>	20-40° C (68-104° F)
<b>Temp. Range, Dryer</b>	30-60° C (86-140° F)
<b>Power Consumption</b>	Max. 5100 Watt at 230 V
<b>Weight (net)</b>	Crated: 224 kg (494 lbs) / 257 kg (567 lbs). Uncrated: 150 kg (331 lbs) / 176 kg (388 lbs)
<b>Features</b>	Feed table, rack drip tray, process management system, timer auto start, spare parts box, service manual, user manual, developer and fixer recirculation filters, large replenishment tanks on trolley, fume exhaust hose, flat exit tray, closed stand with side panels, two room installation kit
<b>Optional Accessories</b>	Drip tray below processor, daylight rewash & feeding slots

800-243-2143  
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