Rapid Repair SYSTEMS

TURN ANY PREP STATION INTO A RAPID REPAIR STATION WITH IRT

BEFORE IRT
• Primer cured in 1 to 3 hours
• Curing costs measured in dollars
• Prep it, prime it, stage it or work around it

AFTER IRT
• Primer cured in 7 - 10 minutes
• Curing costs measured in pennies
• Prep it, prime it, cure it, paint it, deliver it!

A PREP STATION SHOULD BE MORE THAN A PLACE TO PARK THE VEHICLE FOR PRIMING

GOOD TECHNICIANS SHOULD NOT HAVE TO WAIT FOR THE PRIMER TO DRY
Rapid Repair Systems

Designed for installation in any collision refinishing area, IRT Rapid Repair systems are modular and once installed the initial system can be expanded, relocated or added to. IRT Rapid Repair systems are delivered as one or two-cassette models depending on the area coverage desired. At up to 12kW for a double cassette unit they are the fastest and most powerful IR Curing units available on the market. The heater lamps are positioned in gold coated precision reflector bodies, ensuring an even and efficient heat distribution. All lamps are cooled by a ventilator fan, effectively doubling the working life of the curing lamps.

No more guesswork! IRT Rapid Repair systems come with built in technology including; a distance sensor to ensure the unit is at the optimal working distance from the panel, a temperature sensor that monitors the panel to ensure that the correct preset panel temperature is maintained and a laser pointer that ensures the curing unit is correctly aimed at the desired repair area.

Today’s Hard Facts ➔ How IRT Helps:

Increasing Energy Costs Gas and electricity costs continue to climb, increasing the cost of paint curing which eats into your shop’s profitability.

➔ Why heat the entire vehicle when you can cure just the painted area? Installing an IRT Rapid Repair system means you can handle all your collision repairs in minutes - for less than 25¢ per cure!

The Need For Speed Bottlenecks in the paint shop are created when technicians need to work around and stage vehicles that take up valuable shop space - waiting for paint to dry.

➔ An IRT Rapid Repair system cures paint ready for sanding or polishing literally before the painter can clean his spray gun! Reduce cycle times, increase customer satisfaction - and keep insurance companies happy.

Productivity Counts Does your business need more square footage to get the job done? Are you having trouble finding good technicians?

➔ An IRT Rapid Repair system can increase the productivity and throughput of your existing paint shop and technicians by up to 40%! - Without taking up valuable floor space!

Spraybooths & CTOF’s

Our optional model 5600 Rapid Repair system is available when installation in a class 1, division 1 location becomes necessary. Listed by ETL to all the applicable sections of NFPA 33. The 5600 system is the only Rapid Repair infrared curing system approved to NFPA 33 available!

A System To Fit Any Shop!

The IRT Rapid Repair system can be equipped with any number of heaters, all hanging on easy glide, self balanced cassette arms. Easily maneuvered, they can reach all parts of the car and cover virtually any number or size of prep area or work station. Apart from carrying the heaters, the rails also serve as the electrical power source for the heaters without any loose or trailing cables disturbing the work process.

Drying Times:

➔ Putty 3 - 6 minutes  ➔ Basecoat 4 - 8 minutes
➔ Filler 3 - 6 minutes  ➔ Waterbase Flash 2 minutes
➔ Primer 5 - 8 minutes  ➔ Clearcoat 6 - 12 minutes

Average cure times are less than 12 minutes. That’s cured, ready to sand or polish!!

Drying Method - Let’s Talk Metal Temp!

IRT short-wave infrared penetrates the coating, heats the sheet metal and cures from the inside out. Medium-wave or long-wave heating only reach to the middle of the paint or even stops at the surface.

Electrical Data

IRT-41XLNC - 230v, 3Ø, 15A or 480v, 3Ø, 8A
IRT-42XLNC - 230v, 3Ø, 30A or 480v, 3Ø, 16A

Specifications:

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<th>Specification</th>
<th>41 - XLNC</th>
<th>42 - XLNC</th>
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<tbody>
<tr>
<td>Power (kW)</td>
<td>6</td>
<td>12</td>
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<tr>
<td>Area coverage, l x h, m (in)</td>
<td>1 x 1.4 (40 x 55)</td>
<td>2 x 1.4 (80 x 55)</td>
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<tr>
<td>Number of lamps</td>
<td>4</td>
<td>8</td>
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<tr>
<td>Power levels</td>
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<td>7</td>
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<tr>
<td>Operating distance, m (in)</td>
<td>0.6 (25)</td>
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<td>Adjustable drying programs</td>
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