

# Lava™

Precision Solutions



Digital Flexibility  
That Expands Your World



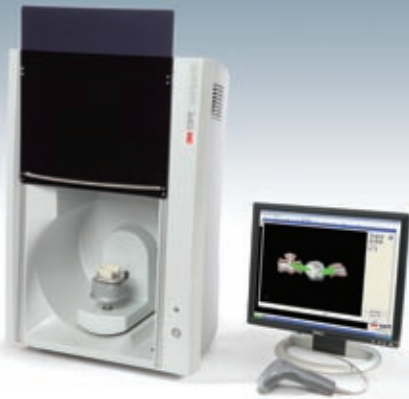
# Lava™

## Use your Lava™ Design System to produce multiple materials.

### Selectively open architecture makes it possible.

As a 3M ESPE Authorized Lava Design or Milling Center, you now have the opportunity to take a confident step forward into the digital world.

That's because the Lava™ Scan ST Design System now does more than create Lava™ Zirconia restorations. You can also use an optional software module to digitally design metal restorations and wax/resin patterns. The metal and wax/resin restorations are produced using additive third party technologies such as metal laser sintering and 3-D printing, both of which are located at 3M ESPE authorized dental labs or rapid manufacturing centers.



#### Summary of advantages

- **Flexibility**  
Use your Lava™ Scan ST Design System for more than just zirconia
- **Productivity**  
Create wax/resin patterns or metal copings and frameworks without a manual waxer
- **Consistency**  
Automate variable, time-consuming or manual labor tasks
- **Familiarity**  
Use your existing Lava™ Design Software tools and interface for other third party production devices
- **Step into the future – and prepare for even more exciting developments**



Lava Zirconia

## Real world reliability. Digital opportunity.

The Lava™ Scan ST Design System has proven to be reliable and precise in the development of Lava restorations. Now with selectively open architecture you can combine this high scan accuracy with even more flexibility. You simply send your design work via our secure Lava™ Connect Interface to an authorized Rapid Manufacturing Center (RMC). Because 3M ESPE has already tested the process, it's easy to expand your digital world.

Contact your 3M ESPE sales representative to get a list of authorized labs or RMCs or to become an authorized partner yourself. A list of approved rapid manufacturing equipment is available at [www.3MESPE.com/lava](http://www.3MESPE.com/lava).

Current indications possible with Lava Zirconia:

- Single crowns
- Splinted crowns (up to 4 units)
- Cantilever bridges with cantilever unit on premolar or incisor<sup>2</sup>
- Inlay and onlay bridges<sup>2</sup>
- Maryland bridges<sup>2</sup>
- Primary telescopes
- 6-unit bridges with up to 4 pontics in the anterior region
- Custom implant abutments

The next step:

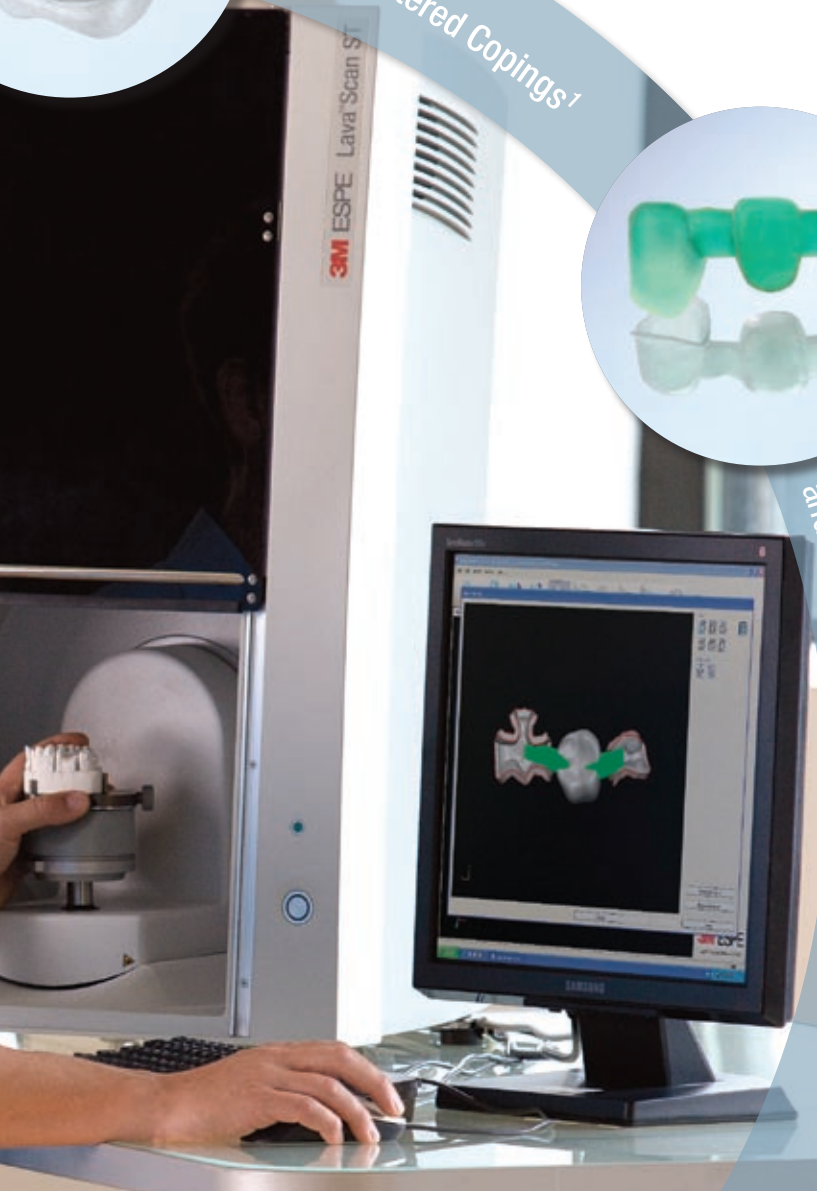
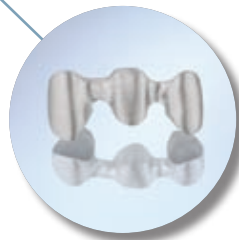
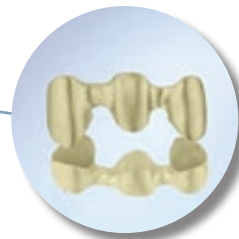
Contact your 3M ESPE sales representative to get a list of local qualified partners or to become a qualified partner yourself.



Laser-sintered Copings<sup>1</sup>



Wax/Resin Patterns<sup>1</sup>  
for casting of precious  
and non-precious metals

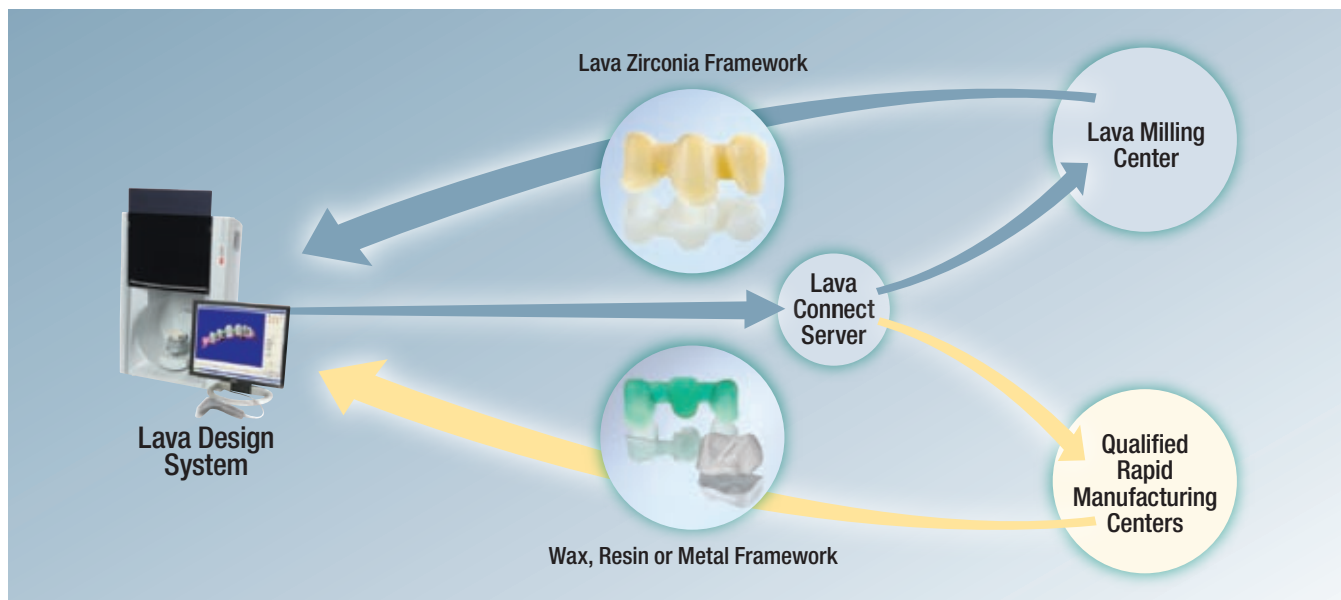


<sup>1</sup>Offered by authorized 3M ESPE partner labs or RMCs. The metal coping shown in photograph was designed and manufactured with the EOSINT M 270 (EOS). The wax/resin pattern shown in photograph was manufactured with InVision DP 3-D printer (3D systems).

<sup>2</sup>Tests have proven: Lava™ Zirconia shows a sufficient strength for this indication. However, this type of indication overall can have a higher failure risk due to decementation and secondary carries regardless of manufacturer. Please refer to national and regional dental associations for more information.

# Add flexibility. Add profitability.

Working with an optional software module and a Lava™ Milling Center or Qualified Rapid Manufacturing Center (RMC), you can now use the Lava™ Scan ST Design System to scan and design multiple materials for your customers. For the latest listing of approved equipment, please visit [3MESPE.com/lava](http://3MESPE.com/lava).



## How it works for you.

	ALMC/ALDC <i>with</i> RMC Equipment	ALMC/ALDC <i>without</i> RMC Equipment	RMC
Receiving Files	<ul style="list-style-type: none"> <li>• Complete Lava Connect “receiving” form</li> <li>• You will be added in Lava Connect as RMC</li> <li>• <b>This service is free of charge</b></li> </ul>	N/A	<ul style="list-style-type: none"> <li>• Complete Lava Connect “receiving” form</li> <li>• You will be added in Lava Connect as RMC</li> <li>• <b>A per case fee will apply</b></li> </ul>
Sending Files	<ul style="list-style-type: none"> <li>• Lava Design Software 4.1 or greater required</li> <li>• Activate Lava Design RM export module</li> <li>• Complete Lava Connect “sending” form</li> <li>• <b>Module is free of charge with an existing Lava service agreement*</b></li> </ul>	<ul style="list-style-type: none"> <li>• Lava Design Software 4.1 or greater required</li> <li>• Activate Lava Design RM export module</li> <li>• Complete Lava Connect “sending” form and choose a RMC</li> <li>• <b>Module is free of charge with an existing Lava service agreement*</b></li> </ul>	N/A

\* If you do not have a Lava service agreement with your Lava Scanner, a software license fee may apply.

For more information about Lava Precision Solutions, visit [www.3MESPE.com](http://www.3MESPE.com) or call 1-800-634-2249.



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