

# GT SALES SHEET



## Metcal GT Series



## Metcal SmartHeat™ Traditional Resistive



Technology	Adjustable Inductive	Fixed Inductive	Adjustable Resistive
Temperature	200 - 450 °C (392 - 842 °F)	300 - 510 °C (572 - 950 °F)	93 - 538 °C (200 - 1000 °F)
Performance	<ul style="list-style-type: none"> <li>Very quick thermal response</li> <li>Faster heating time</li> </ul>	<ul style="list-style-type: none"> <li>Very quick thermal response</li> <li>Faster heating time</li> </ul>	<ul style="list-style-type: none"> <li>Slower thermal response</li> <li>Slower heating time</li> </ul>
Features	<ul style="list-style-type: none"> <li>Single port</li> <li>No need to calibrate</li> <li>Tips or cartridges with a single hand-piece</li> </ul>	<ul style="list-style-type: none"> <li>Single or dual port</li> <li>No need to calibrate</li> <li>Tips or cartridges</li> <li>Rework tools - tweezers, desolder</li> </ul>	<ul style="list-style-type: none"> <li>Single or dual port</li> <li>Significant cost and time consuming to calibrate</li> <li>Tips or cartridges</li> <li>Rework tools - tweezers, desolder</li> </ul>

### THE BEST USE FOR GT90

- ✓ Single iron applications
- ✓ GT90 offers best in class performance vs. resistive systems with 70 - 120W
- ✓ Soldering temperature sensitive components
- ✓ Light to medium thermal load applications
- ✓ Production line work
- ✓ Single geometry used at various tip temperatures

### THE BEST USE FOR GT120

- ✓ Single iron applications
- ✓ GT120 offers best in class performance vs. resistive systems with 130 - 250W
- ✓ Soldering temperature sensitive components
- ✓ For very high thermal load applications
- ✓ Production line work
- ✓ Single geometry used at various tip temperatures

### THE BEST USE FOR SMARTHEAT™

- ✓ Single or dual port
- ✓ Power on demand
- ✓ Process control
- ✓ For re-work
- ✓ Applications needing more than one iron

### Advantages of Inductive vs. Resistive

- Faster initial time to temperature
- Faster dwell time and ability to keep a stable temperature during soldering
- Faster temperature recovery from joint to joint

### How GT Systems Offer Value

- Improved temperature stability and recovery time can significantly improve throughput up to 67% as compared to resistive products
- Offered with lower cost consumable tips that meet or exceed the performance as compared to competitive tips and cartridges
- Hand-piece design allows the use for low and high thermal demand applications. Not offered by any competitive in the market
- Higher performance allows for soldering at lower temperatures which improves tip life
- Single hand-piece allows you to choose between tips (low thermal demand applications) and cartridges (high thermal demand applications)
- Offered at competitive prices
- 2-year warranty offered on the GT120 and 1-year warranty offered on the GT90