

TracePro 7.0 New Features



Multi-threading

Means

Faster Raytraces



Multi-threading

The screenshot displays the TracePro Expert interface with a raytrace progress dialog box and Windows Task Manager open. The progress dialog shows 89% completion for ray 89040 of 100000 at a wavelength of 0.625 μm. The Windows Task Manager Performance tab shows 100% CPU usage and 42% physical memory usage.

Raytrace Progress Dialog:

- Arc/Emitter: Wavelength [μm] 0.625
- Tracing Ray 89040 of 100000
- Remaining: 0:00:03, Elapsed: 0:00:25
- Complete: 89%
- Buttons: Pause, Cancel

Windows Task Manager Performance Tab:

- CPU Usage: 100%
- Memory: 3.42 GB
- Physical Memory (MB): Total 8182, Cached 4183, Available 4675, Free 562
- Kernel Memory (MB): Paged 346, Nonpaged 103
- System: Handles 34960, Threads 1221, Processes 97, Up Time 0:07:49:58, Commit (GB) 3 / 15

Task Manager Summary: Processes: 97, CPU Usage: 100%, Physical Memory: 42%

Multi-threading

TracePro 6.0 with
Dual Core =
3 mins 17 secs

TracePro 7.0 with
Dual Core =
1 min 14 secs

TracePro 7.0 with
Quad Core =
30 secs

