IQM implements several techniques to overcome mutual influence of running tests and provide concurrent stress tests when they are needed.
Common practice is to lessen or completely eliminate the mutual influence of tests. Mutual influence could be caused by:

1. Sharing hardware resources of probe.
2. Sharing limited network resources.

So, mutual interference affects performance during lack of at least one of the shared resources. When limiting factor is network bandwidth and/or network elements load, measurement errors are affected either by payload influence (in this case we would see the real network behavior) or by stress load, generated by agents. Stress load generation also loads hardware resources both of the agent and network elements. To lessen the burden during periodical stress tests, pseudo-random time-shift interval of 1 to 59 seconds is used. When on-demand tests should be run, systems has ability to temporary suspend periodical and template-based tests in the specified time interval and wait for completion of the tests already running.
For non-stress tests, bandwidth allocation is specified to avoid bandwidth hog.
If concurrent tests are needed, templates should be used to configure them.