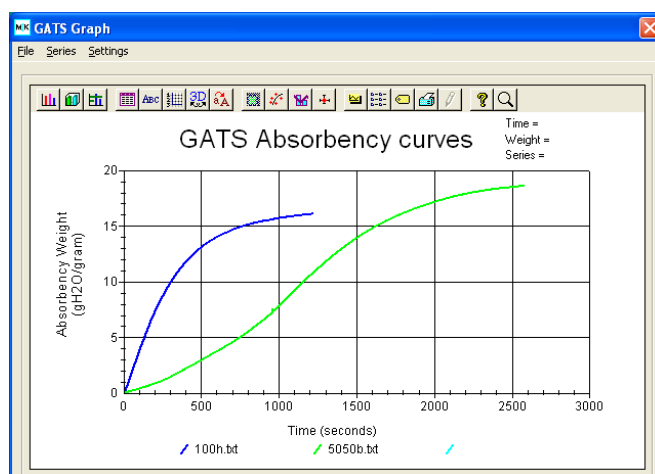


The Industry Standard for measuring liquid absorbency characterization
The M/K G.A.T.S: Gravimetric Absorption Testing System

- The GATS measures liquid absorption rate and total absorbency capacity.
- The device employs a unique liquid head leveling mechanism for accuracy.
- The GATS is fully automated to start, end, and reset test parameters.
- The device has been optimized for simple operation. Using the GATS is easy.
- The GATS is widely used for analyzing liquid uptake in nonwovens, tissues, towels, textiles, clothing, powders, and a host of other absorbent substrates.
- A number of different test plates are available.



GATS Features:

- Absorption data 1/1000g accuracy
- Multiple points per second
- Absorption vs. time graphs and raw data
- Head-leveling mechanism
- Automatic Refilling mechanism
- Real-time graphing

A brief summary of GATS Absorption Applications

- Tissues
- Paper Towels
- Powders
- Diapers
- Female napkins
- Cotton and textile materials
- Battery separators
- Modeling human skin sweating and related skin issues

GATS Standards

- ASTM Standard D-5802
- TAPPI Standard T-561 is being replaced by M/K's new 2019 GATS Tappi standard (under review).

M/K GATS Technology Patents

- US8176769 May 15, 2012
- US20100307228 Dec 9, 2010
- US7779685 Aug 24, 2010

GATS options

- Absorption under pressure option
- Wide variety of test plates
- Thickness gauge option