



Guth Model 10-4

Dom. Part No.: AS-1104-MT

ECONOMICAL HIGH QUALITY ALCOHOL BREATH TEST SIMULATOR

The Guth Model 10-4 simulator is approved by the National Highway Traffic Safety Administration (NHTSA) and published on their Conforming Products List (CPL). Simulator has an improved mercury-in-glass serialized thermostat. Components within the wet chamber area of the simulator are rust resistant, chrome plated, or stainless steel. The all metal non-magnetic top housing is chrome plated brass, preventing rust and corrosion. This provides for uniform headspace heating and outstanding mechanical security for all fasteners. The simulator has a power switch and long life power and heater indicator lamps. The simulator is provided with a high precision, serialized NIST reference mercury-in-glass thermometer to monitor temperature of the solution.

PERFORMANCE

Temperature range	34°C ± .2°C
Warm-up time from cold start	less than 20 minutes
Nominal liquid level	500 ML ± 5%
Laboratory Glass Container	500 ml ± 5% fill mark molded into glass

MECHANICAL

Weight:	3.6 lbs. (1.634 kgms)
Size (HxWxD):	9.0 x 3.75 x 4.50 (228.60 mm x 95.25 mm x 114.3 mm)
Weight:	3.6 lbs. (1.634 kgms)
Inlet Tube:	3/4 (19.05 mm) Extended from top surface of housing
Outlet Tube:	3/4 (19.05 mm) Extended from front surface of housing
Inlet Tube:	3/4 (19.05 mm) Extended from top surface of housing

Top housing is square to eliminate Roll Around and for greater ease of removing and tightening simulator container.

ELECTRICAL

Power Input:	Domestic: 105/130 VAC @ 60 Hz Foreign: 220/240 VAC @ 50 Hz
External Safety Fuse:	Easy, accessible plug-in 1.0 AMP fuse
Power Switch:	Single Pole mounted in top housing
Indicator Lamps:	Power Lamp: Neon Heater Lamp: Neon

Temperature Controller:	Serialized
Immersion Heater:	Mercury-in-Glass Thermostat
Printed Circuit Board:	A safety ground wire is welded to the heater housing to prevent electrical shock hazard.
	High quality, through hole plated circuit board

TEMPERATURE MONITOR

NIST Mercury-in-Glass serialized reference thermometer

OPTIONS

Simulator Protector - Simulstand (Lexan with anodized aluminum spacers)

SURE-LOK™ CONNECTORS

Male and Female connectors prevent accidental, improper connection to breath analyzer.

STANDARD WARRANTY

One Year - Parts and Labor