

# TIS Automatic Hydraulic Pressure Calibrator/Controller



AHC-10000

Accuracy of 0.05%FS (Optional up to 0.01%FS)

Reduces Calibration Time by 40%

Automated Pressure Switch Test

No External Gas Tank

**Calibration**  
made easy



# Specifications of AHC-10000

Pressure Generation	0 to 10,000 PSI
Pressure Accuracy	Accuracy of 0.05%FS (Optional up to 0.01%FS)
Control Stability	0.01%FS @ less than 45 seconds
Control Speed (0 to 100%)	90 seconds
Control Volume	25cc optimum (pre-filled DUT)
Pressure Connection	1/4", 3/8", 1/2" BSP or NPT Female
Media Compatibility	Non corrosive Liquid compatible to 316 Stainless Steel 15-20 SAE oil
Warm Up Time	10 minutes
Display	VGA Monochrome Display (320 x 240 pixels)
Electrical Input	4 to 20 mA with 24 Vdc Loop Power
Electrical Accuracy	0.025%FS
Pressure Switch Test	Non-voltage Input
Communication Interface	RS-232
Power Supply	230 Vac, 50/60 Hz @ 5 Amp
Operating Temperature	0 to 50°C
Unit Size	580 x 250 x 400 mm
Weight	22 kg

## TIS Cal - ware

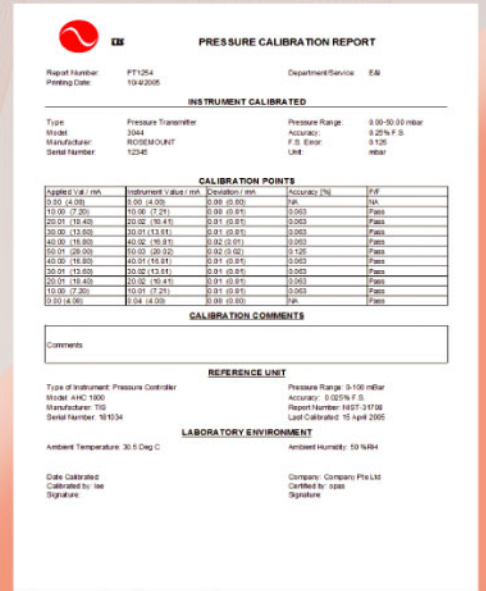
- Windows Based Calibration Software
- Generate/Save Calibration Report in Excel format



(Screenshot of Calibration Process)



(Screenshot of Configuration)



(Sample Report)

Distributed by:

## Ordering Information

AHC-10000 » Base Unit  
 +  
 TIS-PI (Range) » Reference Test Gauge  
 e.g. AHC-10000 + TIS-PI5000PSI

TIS Instruments (S) Pte Ltd  
 Pressure . Temperature . Calibrator