

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Expert team | Trust guarantee | 100% satisfaction

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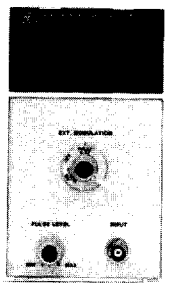
Find the *Keysight / Agilent 86632B* at our website: ***Click HERE***

SIGNAL GENERATORS

Synthesized Signal Generators

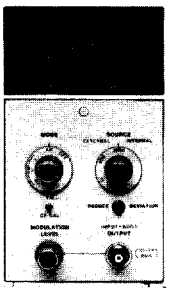
Models 8660A & 8660C (cont.)

Pulse/AM



HP 86631B

AM/High Deviation FM



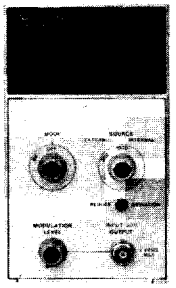
HP 86632B

AM/ϕ Locked FM



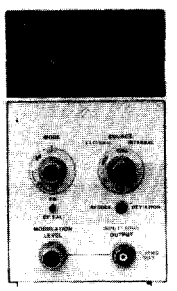
HP 86633B

High rate ϕM



HP 86634A

ϕM/FM



HP 86635A

Modulation Section Specifications

		HP 86631B	HP 86632B	HP 86633B	HP 86634A	HP 86635A
	Functions	Ext. Only	Int. and Ext.	Int. and Ext.	–	–
AM	Indicated Accuracy (at 400 and 1000 Hz rates)	–	±5% of full scale With HP 86601A RF Section: ±7%, center frequency ≥100 MHz. With HP 86603A RF Section: ±10%, center frequency ≥1300 MHz.		–	–
FM	Functions	–	Int. and Ext., FM CF CAL	Int. and Ext.	–	Int. and Ext., FM CF CAL
	Center Frequency Long Term Stability	–	Typically less than 200 Hz/hr	Same as in CW Mode (3 x 10^{-8}/day)	–	Typically less than 200 Hz/hr
	Indicated Accuracy (up to 20 kHz rates)	–	±5% of full scale		–	±5% of full scale
Pulse	Functions	Ext. Only	–	–	–	–
ϕM	Functions	–	–	–	Int. and Ext.	Int. and Ext.
	Indicated Accuracy (15°C to 35°C)	–	–	–	±5% of full scale up to 100 kHz rates ±8% of full scale up to 2 MHz rates ±15% of full scale up to 10 MHz rates	
Meter		–	0–100% AM 0–10, 100, 1000 kHz FM Pk. Dev. (0–20, 200, 2000 kHz FM for CF ≥1300 MHz)	0–100% AM 0–10, 100 kHz FM Pk. dev. (0–20, 200 kHz FM for CF ≥1300 MHz)	0–100° Peak ϕM (0–200° for CF≥ 1300 MHz)	0–10, 100, 1000 kHz FM, 0–100° Pk ϕM (0–20, 200, 2000 kHz FM, 0–200° Pk. ϕM for CF ≥1300 MHz)
Internal Modulation Source Output		None –	400 Hz and 1 kHz ±5% 200 mV minimum into 10 kΩ. Available at front panel BNC connector			
Input Impedance		50Ω Pulse 600Ω AM	600Ω	600Ω	50Ω	600Ω
Weight		Net, 1.4 kg (3 lb) Shipping, 2.3 kg (5 lb)	Net, 2.7 kg (6 lb) Shipping, 4.1 kg (9 lb)	Net, 2.7 kg (6 lb) Shipping, 4.1 kg (9 lb)	Net, 1.8 kg (4 lb) Shipping, 3.2 kg (7 lb)	Net, 2.7 kg (6 lb) Shipping, 4.1 kg (9 lb)

Ordering Information

	Price
HP 8660A Synthesized Signal Generator Mainframe	$10,500
HP 8660C Synthesized Signal generator Mainframe	$12,500
Options for HP 8660A, 8660C	
Option 001: ±3 × 10^{-9}/day internal reference oscillator	add $210
Option 002: no internal reference oscillator	less $300
Option 003: operation from 50 to 400 Hz line	add $155
Option 004: 100 Hz frequency resolution (200 Hz above 1300 MHz)	less $350
Option 005: HP-IB programming interface	$250
Note: HP-IB cables not supplied, see page 742.	
Option 009: (HP 8660A only) LED display indicates selected frequency in 1-2-4-8 BCD code	add $210
Option 100: HP 11661B factory installed inside main frame	add $5,100
Option 908: Rack Flange Kit	$40
HP 86601A 0.01–110 MHz RF Section	$6,500
HP 86602B 1–1300 MHz RF Section	$7,000
HP 86603A 1–2600 MHz RF Section	$9,500
Note: HP 86602B and 86603A RF sections require an HP 11661B for operation.	
Option 001: no RF output attenuator (all RF Sections)	less $600
Option 002: adds phase modulation capability (HP 86602B, 86603A only)	add $2,250
Option 003: allows operation of HP 86603A with HP 8660A mainframe	add $250
HP 11661B Frequency Extension Module	$5,100
HP 86631B Auxiliary Section	$550
HP 86632B AM/FM Modulation Section	$3,000
HP 86633B AM/FM Modulation Section	$3,200
HP 86634A ϕM Modulation Section	$2,400
HP 86635A ϕM/FM Modulation Section	$3,500
HP 11672A Service Accessory Kit	$1,005
HP 11707A Test Plug-in	$2,200

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