

The new Waveform reference



25/50 MHz
Arbitrary Function Generator
HMF2525/HMF2550

Burst, Sweep, Gating, ext. Trigger

Arbitrary waveform generator:
250MSa/s, 14 Bit, 256kPts

Sine, Square, Pulse, Triangle, Ramp,
Arbitrary waveforms incl. standard
curves (white, pink noise etc.)

10MHz Timebase: ± 1 ppm TCXO,
rear I/O BNC connector

Modulation modes AM, FM, PM, PWM,
FSK (int. and ext.)

Front USB connector: save&recall of
set-ups and waveforms



www.hameg.com



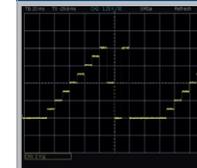
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The new
Waveform reference



Function Generator

25MHz
50MHz



HMF
Series



HAMEG
Instruments
A Rohde & Schwarz Company

25/50MHz Arbitrary Function Generator HMF2525/HMF2550

Frequency range 10µHz...25MHz/50MHz

Output voltage 5mV_{pp}...10V_{pp} (into 50Ω)
DC offset ± 5mV...5V

Total harmonic distortion 0.04% (f < 100kHz)

Rise time < 8ns, in pulse mode 8ns...500ns
variable-edge-time

Pulse mode:

Frequency range 100µHz...12.5MHz/25MHz
pulse width 10ns...999µs, resolution 5ns

3.5" TFT: crisp representation of the waveform
and all parameters

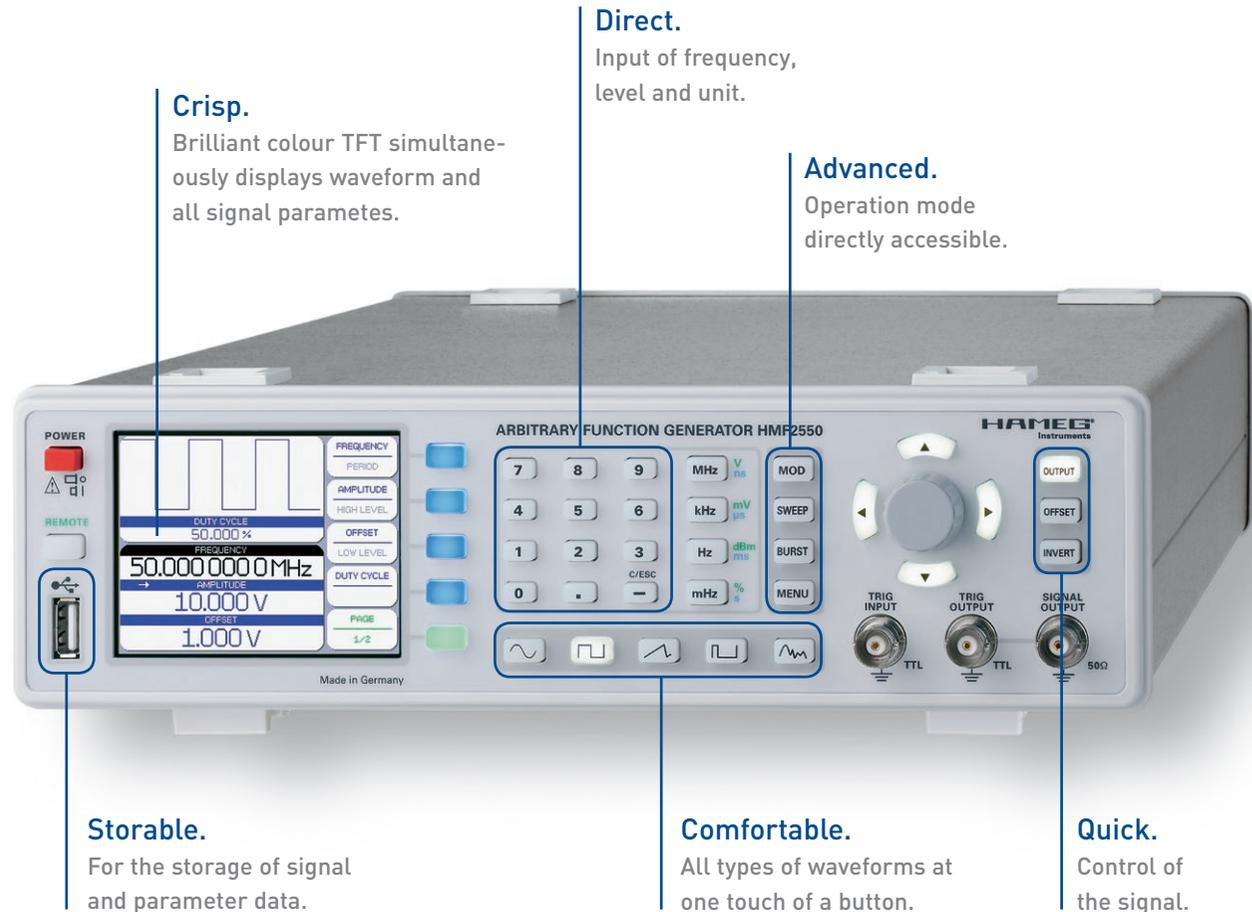
Galvanically isolated USB/RS-232 Dual-Interface,
optional Ethernet/USB or IEEE-488



Accessories supplied: Line cord, Operating manual, CD

Optional accessories:

- H0730 Dual-Interface Ethernet/USB
- H0740 Interface IEEE-488 (GPIB), galvanically isolated
- HZ42 2RU 19" Rackmount Kit
- HZ33 Test cable BNC plug - BNC plug 0.5m
- HZ34 Test cable BNC plug - BNC plug 1m
- HZ20 Adapter plug BNC plug - 4mm safety sockets
- HZ10S 5 x silicone test lead (measurement connection in black)
- HZ10R 5 x silicone test lead (measurement connection in red)
- HZ24 Attenuators 3/6/10 and 20db



Generation of complex
waveforms with 256kpts in
14 Bit

All parameters at a
glance on the 3.5"
TFT and interactive
softkeys



Ethernet/USB-
interface H0730
for industrial use
(Option)

