MULTIMETER

Fluke 37

Another YouTuber review for Fluke 37

<https://www.youtube.com/watch?v=QChoJlEi250>

Blog post by popular YouTuber reviewing the machine, it’s a very long video that’s more opinion and fun talk than instructional content

<https://www.youtube.com/watch?v=NJhptTZpGPw>

Fluke 45

Straightforward demo

<https://www.youtube.com/watch?v=I_ItLYdr4q8>

Blog post by popular YouTuber channel reviewing the machine

<https://www.youtube.com/watch?v=mK-Sc57SA0I>

Here are 30 videos from Fluke about multimeters, but none about the specific machines we have

<https://www.fluke.com/en-us/search/fluke/?query=multimeters&facets=videos_en_us>

GDM-8255A/8251A

Main features demo overview

<https://www.youtube.com/watch?v=q5sWwAklfNI>

Product page

<https://www.gwinstek.com/en-global/products/detail/GDM-8255A>

Triplett 630 (VOM)

Product page

<https://www.triplett.com/products/3030-model-630-analog-multimeter-with-chemical-resistant-glass-meter-window>

Enthusiast engineer on YouTube talking about the multimeter, extensive demo and discussion

<https://www.youtube.com/watch?v=Aa5xkPuEtmo>

FUNCTION GENERATOR

GwInstek AFG-2225

Product page

<https://www.gwinstek.com/en-global/products/detail/AFG-2225>

Manufacturer YouTube Channel

<https://www.youtube.com/c/gwinstek1975/videos>

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Manufacturer Demo – Arbitrary Waveform Function - English

<https://www.youtube.com/watch?v=-a6eg3ZpUYM>

Manufacturer Demo – True Dual Channel Coupling Function - English

<https://www.youtube.com/watch?v=tnt9_7Zsygg>

Manufacturer Demo – Tracking and Phase Functions – English

<https://www.youtube.com/watch?v=mq5_PYUw9mg>

Manufacturer Demo – Sum Modulation Function – English

<https://www.youtube.com/watch?v=NMCDWi5OAYs>

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Manufacturer Demo – Arbitrary Waveform Function - Chinese

<https://www.youtube.com/watch?v=_6hh-ZI0__w>

Manufacturer Demo – True Dual Channel Coupling Function - Chinese

<https://www.youtube.com/watch?v=ZtoV2evLL5E>

Manufacturer Demo – Tracking and Phase Functions – Chinese

<https://www.youtube.com/watch?v=LBbxXe0ZL8o>

Manufacturer Demo – Sum Modulation Function – Chinese <https://www.youtube.com/watch?v=4UEriX6_3Uo>

Leader LFG 1300S

Quiet video of someone just poking all the buttons and seeing what they do

<https://www.youtube.com/watch?v=Bb142DngrX4>

can’t find a product page for this device however

Leader LG 1301

Searching for resources led me to find the EEShop, no youtube videos I could find, mostly ebay listings

B&K Precision 4040A

Product Page

<https://www.bkprecision.com/products/signal-generators/4040A-20-mhz-sweep-function-generator.html>

Service Department Manager at Test Equipment Depot – Demo – B&K Precision 4040A Demo

<https://www.youtube.com/watch?v=1HgcW6-qPKc>

Agilent 33120

California EECS Berkeley – Demo

<https://www.youtube.com/watch?v=_pDz6e2ADew>

YouTuber Demo comparing 33120 and 33210

<https://www.youtube.com/watch?v=ckz6B9gAMHg>

POWER SUPPLIES

GwInstek GPS-4303

No videos found on manufacturer’s YouTube channel

Cameron did a demo video of this 4303

UofT ECE-231 Introductory Electronics Channel demos the 3303 which is the 3-channel version

<https://www.youtube.com/watch?v=stFKpSxyZ2M>

Kepco MPS620 Triple Output

Product Page

<https://www.kepcopower.com/mps.htm>

No videos found

B&K Precision 1689 28 Amp

Product Page

<https://www.bkprecision.com/products/discontinued/1690-regulated-digital-28a-dc-power-supply.html>

Discontinued

No videos found

Found an obscure manual? Not sure what this is

<https://www.ietlabs.com/pdf/Manuals/1689_im.pdf>

B&K Precision 1790 High Current

Product Page

<https://www.bkprecision.com/products/discontinued/1790-high-current-linear-dc-power-supply-0-32v-20a-led.html>

Discontinued

No videos found

IMPEDANCE TESTERS

B&K Precision Model 886 LCR Meter

No videos specifically for this model, however they have a good YouTube channel

B&K Precision Corporation - How to Use an LCR Meter - English

<https://www.youtube.com/watch?v=zZiVvgUiRdc>

B&K Precision Corporation - How to Use an LCR Meter - Spanish

<https://www.youtube.com/watch?v=BSgHm6E2SHM>

B&K Precision Corporation – How to Make Phase Shift Measurements Using X-Y Mode on an Oscilloscope

<https://www.youtube.com/watch?v=NURCFN0N-KE>

Keysight Technologies LCR

Alexei Polkhanov – LCR Meter Demo

<https://www.youtube.com/watch?v=Jcuxh7iJ_nI>

Keysight Technologies – Handheld Instruments Overview

<https://www.youtube.com/watch?v=sxYciIBQW9Q>

OSCILLOSCOPES

Tektronix TDS2012 Color Digital

Steven Bell - Basics of using an oscilloscope – TDS2012

<https://www.youtube.com/watch?v=-arFz0cI5jQ>

Tektronix TDS210/220 Monochrome

UofT ECE 231 Introductory Electronics – How to Use an Oscilloscope TDS210

<https://www.youtube.com/watch?v=xgTa1xEJKiI>

TDS 210 Demo

<https://www.youtube.com/watch?v=HGNC4vvUnz8>

GwInstek GDS-1000A-U

Plenty of video demos on YouTube for this

Physics Demo Class – How to Use Oscilloscope Demo GDS-1102A

<https://www.youtube.com/watch?v=nxJaqzHpzKQ>

Peter Callaghan – GwInstek GDS-1052-U Demonstration

<https://www.youtube.com/watch?v=NE9R4n0hMDc>

Agilent 54624A Digital

Can’t find any video demos

Asteroids Easter Egg ROCK\_ON (loads the game Asteroids on the scope!?)

<https://www.youtube.com/watch?v=hvfiwaboLK0>

ANALYZERS

Intronix LogicPort PC-Based 34 Channel

Product Page

<https://www.pctestinstruments.com/>

FAQ Page

<https://www.pctestinstruments.com/logicport/faqs.asp>

There are some videos, but I’m not familiar with kind of device to figure out which video is relevant

Philips PM3585

Can’t find product page, or video demos

Bryce Cherry – Floppy Drive Speed Tests

<https://www.youtube.com/watch?v=G1DNgL3lYuc>

Agilent 4395A Spectrum/Network

Product Page

<https://www.keysight.com/us/en/product/4395A/networkspectrumimpedance-analyzer.html>

Obsolete product status

Nutsinee’s Vlog Book - How to Take a Noise Spectrum using Agilent 4395A

<https://www.youtube.com/watch?v=PdfaGjTcceM>

DEVICE PROGRAMMER

B&K Precision 864 Universal Device Programmer

Product Page

<https://www.bkprecision.com/products/discontinued/864-universal-device-programmer.html>

Discontinued

Jacklick – Unboxing, Review, Self-Test, Software using BK Precision 864

<https://www.youtube.com/watch?v=JGIqSjAKbSM>

FPGA DEVELOPMENT BOARDS

Altium NanoBoard 3000

Product Page

<https://techdocs.altium.com/display/HWARE/NanoBoard+3000+Series>

Legacy

Altium – Altium Nanoboard 3000 Product Announcement

<https://www.youtube.com/watch?v=Bn9pt7RGHVI>

Wolfgang Scherer – Altium Nanoboard Playlist 17 Videos

<https://www.youtube.com/watch?v=AWTfc1P1D8c&list=PLz-ePwn2hOw_LxCERvrkkyHVyV9oj6FHv>

Altera DE2

Link to Manual hosted on ECE Tufts.edu ?

<http://www.ece.tufts.edu/~hchang/ee129-f06/project/project2/DE2_UserManual.pdf>

Frooxius - Altera DE2-115 FPGA - Unpacking and Demonstration

<https://www.youtube.com/watch?v=Dn4UAL5MLMg>

DATA ACQUISITION

National Instruments NI USB-6221

Product Page

<https://www.ni.com/en-us/support/model.usb-6221.html>

Some videos popped up, but I didn’t know which would be relevant