

3300 SERIES

ELECTRONIC LOAD MAINFRAMES



POSITIVE PROBLEM SOLVING **+ =**

Six different mainframes are available to house a variety of connecting electronic load modules. The user can swap modules out as required making it easy to reconfigure test systems.

The four slot versions are built in to 19" racks enabling them to be mounted in standard cabinets. Retractable feet enable a good viewing angle for desktop use. The ELP-3302F mainframe accepts a single load module and is ideal for the mobile engineer. The load modules simply slide in to the mainframe and are secured by a screw at the front. The advantage of the modular approach is the flexibility offered and the opportunity to expand your electronic load system as needed.

- + Single, Dual and 4 Slot Rackmounting Versions**
- + Required for Housing ELP Load Modules**
- + Input for Tracking External Signal**
- + Sequence Settings With Time**
- + Front Panel Memory Function**
- + LabView Drivers**

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FURTHER DETAILS

A wide variety of both AC & DC electronic load modules are designed to be operated within these mainframes. A comprehensive mix of voltage and current sink ranges are possible. Identical modules can be operated in parallel allowing for higher load currents.

Each mainframe has a number of built in store/recall memories to allow common test procedures to be quickly implemented from the front panel. Different load values can be sequenced and stepped with time automatically via the mainframe memory.

When using computer control only one GPIB address is needed to control all the load modules in one mainframe. LabVIEW drivers are also available for both RS-232 and IEEE 488.2 operation.

The loads can also be controlled via a proportional 0-10V (AC or AC+DC) analogue signal (not ELP-3330F series). The F-series of mainframes also include USB and LAN cards as possibilities for communicating with the installed units.

LOAD MODULES SUPPORTED

Module Series	Individual Load Modules	Description of Load Module Series
ELP-3310F	3310F, 3311F, 3312F, 3314F, 3315F	Dynamic DC loads with CC, CR, CP, CV, up to 500VDC
ELP-3320	3320, 3321, 3322, 3324, 3325	Static CC loads ranging from 75W - 300W up to 500VDC
ELPA-3250	3250, 3251, 3252	AC loads which can also be used to load DC sources
ELP-3330F	3330F, 3332F, 3336F	Dual channel dynamic loads with CC, CR, CP & CV modes
ELP-3340F	3340F, 3341F, 3342F	Dynamic DC loads with LED Sim mode and CC, CR, CP & CV

Separate summaries are available detailing each series of load module

SELECTION TABLE

	ELP-3300C	ELP-3301A	ELP-3300F	ELP-3305F	ELP-3302F	ELP-3302C
Number of Load Modules Housed	Four	Four	Four	Two	One	One
ACCEPTED LOAD MODULES						
3310F, 3311F, 3312F, 3314F, 3315F	No	No	Yes	Yes	Yes	No
3320, 3321, 3322, 3324, 3325	No	Yes	No	No	No	Yes**
3250, 3251, 3252	Yes**	Yes*	No	No	No	Yes**
3330F, 3332F, 3336F	No	No	Yes	Yes	Yes	No
3340F, 3341F, 3342F	No	No	Yes	Yes	Yes	No
INTERFACE OPTIONS & FUNCTIONS						
IEEE488.2 Interface [Listener & Talker]	Yes [Opt /LT]	Yes [Listen Only]	Yes [Opt /LT]	Yes [Opt /LT]	Yes [Opt /LT]	Yes [Opt /LT]
RS-232 Interface	Yes	No	Yes [Opt/RS232]	Yes [Opt/RS232]	Yes [Opt/RS232]	Yes
USB Interface	No	No	Yes [Opt/USB]	Yes [Opt/USB]	Yes [Opt/USB]	No
LAN Interface	No	No	Yes [Opt/LAN]	Yes [Opt/LAN]	Yes [Opt/LAN]	No
Master/Slave	No	Yes	No	No	No	No
Store/Recall Memory	Yes [150 sets]	Yes [5 sets]	Yes [150 sets]	Yes [150 sets]	Yes [150 sets]	Yes [150 sets]
External Remote Control	Yes	Yes	Yes	Yes	Yes	Yes
WEIGHT & DIMENSIONS						
Weight	9.5kg	9.5kg	9.5kg	7.5kg	5.5kg	5.5kg
Dimensions (W x H x D)	19" x 4U x 445mm	19" x 4U x 445mm	19" x 4U x 445mm	269 x 178 x 465mm	150 x 177 x 445mm	150 x 177 x 445mm

*Front panel operation only, remote control is not available

**ELP-3300C mainframe has 30 memory bank, where each bank has 5 states only



ELP-3302C



ELP-3305F



ELP-3301A

OPTIONS

CODE	DESCRIPTION
/0001	1m IEEE488.2 cable
/0002	2m IEEE488.2 cable
/0003	2m RS232 cable
/9931	Remote recall keypad
/BP	Blank panel covering a single slot
/LAN	LAN interface card [3300F, 3302F, 3305F only]
/LT	IEEE488.2 [GPIB] interface card
/RS	RS-232 interface card
/USB	USB interface card [3300F, 3302F, 3305F only]
/LT+RS	RS232 and GPIB interface card

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