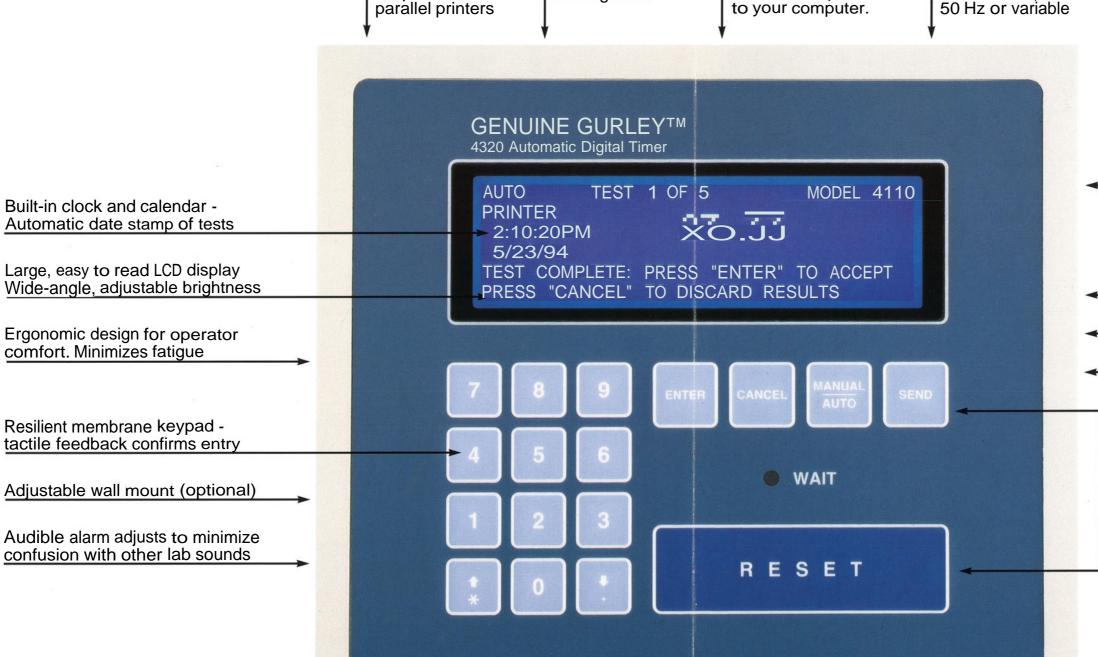
# Gurley Precision Instruments



# Genuine Gurley

## Model 4320 Programmable & Automatic Digital Timer

To power supply - 110 V 60 Hz, 220 V



To densometer

reading head

Centronics printer

output for most

Remote reset jack



On/Off switch

Built-in battery back-up

Field replaceable software (optional)

5 simple keys control most functions



New reading head design

## SPECIAL FEATURES

#### A Choice of Modes and Settings

Customize the Model 4320 to fit your particular requirements with a range of features like Display contrast, Date stamping, Printer output, RS-232 computer interface, Built-in tutorial, Instrument model identification and much more.

### **Automatic Calibration Program**

The start-up routine reminds you to check the instrument's calibration, remembers the value of the calibration plate, and advises whether the results are within the recommended tolerances.

#### There Is More!

This is a software based instrument and it is Gurley's intention to add additional features in a timely fashion. Contact us at any time with your comments. Custom options are available at an additional cost.

#### **Built-In Calculator**

RS-232 Serial com-

munications port

In automatic mode the Model 4320 remembers each test. At the end of a sequence it quickly calculates all values, shows them on its bright LCD display and prints them as well.

#### **Automatic & Manual Functions**

Choose between individual readings in manual mode or the convenient automatic mode that remembers everything, reminds you where you are, offers optional statistical features and performs all calculations...effortlessly.

#### No sensitivity knob

The new reading head and its self-calinary brating software eliminate the old adjustment routine. The Model 4320 performs its own sensitivity adjustments that assure you of continually reliable performance.



# Fits all Genuine Gurley<sup>™</sup> Densometers

The model 4320 and its reading head fit densometers manufactured by W. & L.E. Gurley, Teledyne Gurley and Gurley Precision Instruments. Model 4110based models without timers require a mounting clamp (PN.22185). Older models may require modification at additional charge.

#### If You Have An Older Model Timer

Customers with Models 4136, 4137 or 4138 can save money purchasing a new Model 4320 by using their old reading head if it has a black plastic connector. Order Model 4320-4 for 120 V 60 hz and Model 4320-5 for 240 V 50 hz. Both models come with an adaptor plug instead of the reading head.

#### **Basic Operation**

Use the densometer as you would normally. The large and bright LCD display of the Model 4320 will alert the operator to normal safeguards and sequences. To run a manual test, press reset, release the cylinder and wait for the results. In automatic mode, the display will remind you what step you are on and when the series of tests is completed, it will display the results as well as send them to the optional printer.

#### **Printer Options**

Use our compact roll-fed printer that features a small footprint and an economical 3" wide roll good for hundreds of printouts or your own parallel printer and cable.



#### Mounting – Counter top or Wall

The Model 4320's custom ergonomic cabinet sits firmly on any flat surface for ease in use whether the operator is standing or sitting. For facilities with limited space or looking for a less cluttered work area, order the adjustable wall bracket option.

### **Power Requirements**

The design of the Model 4320 series is modular and utilizes an external compact power supply. Order the appropriate model for your requirements.

4320 DN	110 VAC 60 hz
4320 EN	220 VAC 50 hz
1000 1111	00 0F0 VAC 47 440

90-250 VAC 47-440 hz, 110-350 VDC 4320 UN

4320-4 110 VAC 60 hz 4320-5 220 VAC 50 hz

#### **Printer Connections**

The parallel port is an industry standard, 36 pin Centronics connector which is compatable with most printers.

#### Computer Connections

The serial port is a standard 25 pin female D connector which allows an easy interface to any IBM compatable PC or other DTE type device. This supports 2400, 9600, 19.2K and 38.4K baud with Xon/Xoff or RTS/CTS handshake.

For further information, contact your dealer or call us directly.

In continuing our policy of product improvement, Gurley Precision Instruments reserves the right to change parts, models, prices and specifications without notice.



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