

GE
Sensing & Inspection Technologies

Eddy Current

Phasec 3 Series Quick Reference Guide

47090

071-247-005, rev. 1



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- 1** ON and Off button
- 2** Balance Button
- 3** Clear Button
- 4** Freeze Button
- 5** 12 Way connector for Probe Connection
- 6** 7 Way connector for RS232 connection & XY analogue output
- 7** User Programmable Soft key Button (1 of 6)
- 8** Menu Screen Button
- 9** Cursor and OK Buttons for Menu
- 10** Exec Button
- 11** USB Connector
- 12** VGA Output

Power On/Backlight

- Turn on with 1 short press on **Power On/Off** button.
- To turn instrument off, press **Power On/Off** button for 2 seconds.

Changing a Menu Item

- Press **menu**.
- Use cursor keys to select item to change. Press **OK** once item is selected.
- Press **exec** button to select one of the channels or both together.
- Top and bottom cursor buttons change the value; left and right buttons will move to a different decimal place. Once value is selected press **OK**.

- The 4th menu becomes visible if the cursor is moved to the extreme right of the screen.
- To leave menu, press **menu** button once.

<p>(FREQ 1)</p> <p>GAIN 40.0/40.0</p> <p>PHASE ° 262.0</p> <p>FREQ kHz 35.0</p> <p>FILTER BP RATIO</p> <p>HP/LP DC/ 300</p> <p>INPUT GAIN High</p> <p>PROBE Bridge</p>		<p>(FREQ 2)</p> <p>GAIN 38.6/35.4</p> <p>PHASE ° 313.0</p> <p>FREQ kHz 25.0</p> <p>FILTER BP RATIO</p> <p>HP/LP DC/ 300</p> <p>INPUT GAIN High</p> <p>PROBE Bridge</p>		<p>(TRACE DISP)</p> <p>VIEW F1:Mix</p> <p>DISPLAY Spot</p> <p>GRATICULE Polar</p> <p>SPOT XY 40/0</p> <p>SPOT DUAL 120/0</p> <p>SPOT INFO None</p> <p>PERSIST 0.2 s</p> <p>SWEEP 0.5 s</p> <p>STRETCH 50 ms</p>		<p>(PROBE)</p> <p>MODE NormalDual</p> <p>PROBE ID Unknown</p> <p>LOAD uH 1.3</p> <p>DRIVE dB 0</p> <p>BAL/CLR MODE Both</p>	
<p>(MIX)</p> <p>GAINMIX 0.6/ 0.6</p> <p>PHASEMIX ° 220.0</p>		<p>(ALARM)</p> <p>ACTIVE None</p> <p>ACTION Off</p> <p>SHAPE Box</p> <p>TOP/BTM Off/Off</p> <p>LFT/RIGHT Off/Off</p>		<p>(MEMORY)</p> <p>SAVE Setup</p> <p>RECALL Setup</p> <p>TRACE RECORD Off</p>		<p>(GENERAL)</p> <p>P/DOWN Off</p> <p>KEY CLICK Off</p> <p>COLOURS 3</p> <p>LANGUAGE English</p> <p>TIME 0:00</p> <p>DATE 01 Jan 00</p> <p>CODE Exec</p>	
<p>(OUTPUT)</p> <p>ANALOG O/P 1 Xmix</p> <p>ANALOG O/P 2 Ymix</p>							

Automatic Lift Compensation

- Set Automatic lift-off compensation by pressing the **Balance/Auto** liftoff button. This will set lift-off signal to the left of the screen.

User Programmable Softkeys

Defining Item:






- To set a user programmable softkey, press **menu**.
- Select item with cursor keys and press **OK**. Press and hold required softkey for 2 secs. The value in the softkey will change. Press **OK**, menu.

Changing Value:

- To use softkey, press appropriate F key (Fn) and screen will show current value set.
- Cursor key can then be used to increment values. 8

Preset Softkeys:

- The 5 preset softkey settings may be used by pressing **OK** from the operating screen.
- Settings will cycle from the 1st to 2nd user softkeys, box gate, sector gate, and finally Spot XY softkeys
- Corresponding symbols:

Sector Alarm 	User definable Softkey 1 
Box Alarm 	User Definable Softkey 2 
XY Spot Position 	

Saving and Recording Set-Ups

- From menu screen select save item with cursor keys and press **OK**.
- With cursor keys select set-up or trace as appropriate. Press **exec** button.
- Use cursor keys to select letters required and press **OK** to enter after each letter. Press **F1**(save)
- To recall, select item and press **OK**. Select set-up or trace as required. Use **F5** (up) and **F6** (down) to select item. Press **F1** (recall).

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