

## 2 GravoTech M40/ M40G Software Compatibility

### 2.1 Quick Click

As indicated above, the M40 and M40G come with Quick Click (as standard).

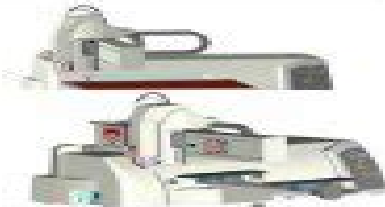
### 2.2 GS5

The M40 and M40G are also compatible with GravoStyle 5 software: both machines may be run using GS5. Please note, however, that GS5 is **not** included with either the M40 or M40G.

*(N.B. Limitation of running the M40 and M40G with GS5: GS5 cannot manage the point and shoot function)*

The post-processor for GS5 will be available from early March.

## 3 Detailed Technical Characteristics

| v4.0 - Oct 2004                                                                                        | GT M40 FW & VICE                                                                   | GT M40 G                                                                            |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br><b>GRAVOGRAPH</b> |  |  |
| <b>Physical characteristics</b>                                                                        |                                                                                    |                                                                                     |
| Overall size (w x d x h)                                                                               | 550 x 510 x 320 mm<br>22 x 20 x 12.6 in                                            | 730 x 540 x 540 mm<br>29 x 21 x 21 in                                               |
| Net weight                                                                                             | 18 Kg (vice) / 19 Kg (table)                                                       | 35 Kg                                                                               |
| <b>Engraving characteristics</b>                                                                       |                                                                                    |                                                                                     |
| Max. engraving area                                                                                    | 305 x 210 mm – 12 x 8.2 in                                                         | 305 x 210 mm – 12 x 8.2 in                                                          |
| Table dimensions                                                                                       | 330 x 260 mm - 13 x 10.2 in                                                        |                                                                                     |
| Max. flatness table                                                                                    | 0.5 mm - 0.02 in                                                                   |                                                                                     |
| Z Max. clearance (table-spindle)                                                                       | 35 mm - 1.4 in                                                                     | 70 mm - 2.8 in                                                                      |
| Z max. clearance with the vice                                                                         | 50 mm - 2 in                                                                       |                                                                                     |
| Z Spindle travel                                                                                       | 40 mm – 1.57 in                                                                    | 40 mm – 1.57 in                                                                     |
| Automatic Z ref.                                                                                       | Yes                                                                                | Yes                                                                                 |
| Spring cushion                                                                                         | 10 mm - 0.39 in                                                                    | 10 mm - 0.39 in                                                                     |
| Max. X,Y working speed                                                                                 | 25 mm/s - 0.98 in/s                                                                | 25 mm/s - 0.98 in/s                                                                 |
| Max. X,Y off-load speed                                                                                | 35 mm/s - 0.98 in/s                                                                | 35 mm/s - 0.98 in/s                                                                 |
| Max. engraving precision                                                                               | < 0.1 mm - 0.004 in                                                                | < 0.1 mm - 0.004 in                                                                 |
| Max. engraving repeatability                                                                           | < 0.05 mm - 0.002 in                                                               | < 0.05 mm - 0.002 in                                                                |
| Spindle type                                                                                           | Top loading                                                                        | Top loading                                                                         |
| Cutter diameter                                                                                        | 3.17 mm                                                                            | 4.36 mm - 11/64 in                                                                  |
| Max. speed rotation                                                                                    | 20 000 rev/min                                                                     | 20 000 rev/min                                                                      |
| Speed regulation                                                                                       | No                                                                                 | No                                                                                  |
| Output                                                                                                 | 40 W                                                                               | 50 W                                                                                |
| Depth regulating nose                                                                                  | Compatible with all noses                                                          |                                                                                     |
| <b>Point and shoot</b>                                                                                 |                                                                                    |                                                                                     |
| Wavelength                                                                                             | Laser diode<br>630-680 nm                                                          | Laser diode<br>630-680 nm                                                           |
| Max. output/Class                                                                                      | 1 mW / Class 2                                                                     | 1 mW / Class 2                                                                      |

# Gravostyle 98 User Manual

**Hussin A.Rothana**



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