

# IS400

*Do you have one of these?*



original manufacturer  
Gravograph  
New Hermes

Shown with Q1e  
Stationary Table

### **We can do the following:**

- Retrofit w/Q1E Controller
  - Many Enhanced Features
  - Provide Parts & Repairs
  - Improve Speed & Accuracy
  - Create Product Enhancement
  - Improve Profitability
  - Improve Affordability
  - Personal Tech Support
- & we even answer the Phone!**

**Not just Good as New;  
Better Than New!**



**Repairs to the Chip Level**

**Parts for the IS400**



**We can repair or rebuild just about anything!  
Send us your request. [fred@q1engravers.com](mailto:fred@q1engravers.com)**

# GRAVOGRAPH IS400 "Q1E RETROFIT KIT"

Want your Engraver to run from alternate softwares?  
 Want to run multiple engravers from a single computer?  
 Use a new computer? XP-W10? Need Tech Support? **If YES:**  
 Get a Q1E Retrofit for your Gravograph IS400 or T-Master table!

**Q3E**  
 CONTROLLER

Shown with optional  
 Q1e Flat Stationary Table



## ENGRAVER FEATURES

- TCP/IP, Serial or SD Data Input
- 300 Job Saves within Controller
- User Friendly Control Pendant
- Awesome Controller Features
- High Torque Solid-State Stepper Motor Drivers
- Q3E module based components
- Broader speed range
- Improved engraving quality
- Improved reliability
- Full Network compatibility
- More and better fonts & shapes
- Multiple pass, depth & dwell
- Run directly from EngraveLab, CASmate, Quality, Flexi, EnRoute, Type3 & GravoStyle.

All of these capabilities for  
**\$4,295**  
**CONTROLLER RETROFIT**  
 NIS-0400-100

**INSTALLATION**  
 on Your Existing Engraver  
 in 10 minutes flat.

**Not Just Good as New; "BETTER THAN NEW!"**

Has your engraver still have some life? Does proprietary technology / hardware and expensive software have you shackled? Is spending \$5,000 on software upgrade or controller repair not feasible? Then it's time to consider a **Q1E Turbo Charge**. Breathe new life into your reliable engraver with a Quality One Engravers performance-enhancing PC Retrofit Kit. Note: Controller board, pendant, software, enhancements are the same as used on our Quest Family of engravers.

## Q1E RETROFIT KIT INCLUDES:

- ~Full Installation Package
- ~Engraver Control Box w/ Q3E Control Board & LCD Panel
- ~All modular controller components. Easy Repair & Troubleshoot.
- ~Three Individual High-Performance Stepper Drivers
- ~High Performance 24VDC Modular Speed Controller.
- ~All reqd cables and mechanical hardware.

### Options

NIS-1400-100 Table, IS400 Corner Oriented Stationary ..... \$660.00 / \$550 w/Retrofit Kit  
**Computer XP pro or Win7 pro (Fully Loaded - used)** ..... XP \$450 Regular / w Retrofit \$400, Win7pro add \$150.00

### Software Options

MSS-1051 **EngraveLab-Expert v9 for Q1** by CADLink . . . (Special Site price only applicable w/existing Gravostyle) \$775.00

- ~On Screen Sign Design WYSIWYG
- ~Q1E Engraving & 1000 True Type Fonts
- ~ADA Braille Grade II conversion & bead drilling
- ~Badges with List Import & Matrix
- ~Microsoft **Windows XP, W7 thru 10 Compatible**
- ~Island or Hatch Fill routines
- ~Generate Toolpath with cutter compensation - Male, Female, Online, Inlay, Fills and Drills.
- ~Contour drilling for Hot Fix application.
- ~Import & Export all popular formats.
- ~Text: on Arc, on Path, Distort, Size, Manipulate, Kern
- ~Text - Full Case CONTROL, Character Picker Spell Check, Find & Replace, ADA assistant.
- ~Advanced sorting, item color assignment & selection.
- ~True shape dimensioning and location input
- ~Alignment Tools; plate, last select, guides, etc.
- ~Welding shapes routines
- ~TCP/IP & serial, output **& very much more ...**



**EngraveLab | v9**

**Quality One**  
**ENGRAVERS, INC**

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**WWW.Q1ENGRAVERS.COM**

**2016**

# Some of our many IS400 Parts & Enhancements



**Q1E Spindle Motor Replacement Kit** - Replace your oem motor with a standard motor, no more high cost for your spindle motor. Motor, Pulley, Belts, Bracket, Cable & Hardware.

**NIS-0100-100 Spindle Motor 24vdc Complete Kit** ..... \$450.00

Below items included in Kit:

**MSC-1400-028** Belt, Round - Q1e Motor to Transfer Idler (2) .....\$20.00

**ELM-2092** Spindle Motor Q1E Replacement..... \$250.00

## Spindle Motor OEM

**NIS-0101-100** Spindle Motor New..... \$650.00

**MSC-1400-051** Round Belt, OEM ..... \$20.00

## X & Y Axis Couplings

**MMC-3012-104** Coupling (3-piece) 1/4 x 7mm (Both ends & Spider) .....\$45.00

**MMC-3012-001** Coupling, Rubber Spider HD Non-Gumming ..... \$15.00

**MMC-3012-002** Coupling, Stepper Side (1/4) .....\$20.00

**MMC-3012-008** Coupling, Leadscrew Side 7mm ..... \$22.00



## Standard Equipment Belts IS400

**MSC-1400-051** Round Belt, Motor to Spindle Pulley OEM (2 piece) ..... \$20.00

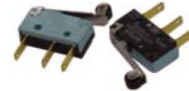
**MSC-1400-028** Round Belt, **Q1E** Pittman Motor to Spindle (2 pieces) .....\$20.00

**MSC-1400-049** Timing Belt, Z Stepper Motor to Z Ballscrew .....\$20.00



## Limit Switches

**ELM-2030-011** Limit Switch XY & Z ..... \$25.00



OEM

## Stationary "Q1E" Flat "OEM" T-Slot Table Scales for the IS400

**NIS-1400-100** Table Stationary Kit w/.050" thk. scales (IS400) .....\$660.00

**NIS-1400-200** Table Stationary Kit w/.050" thk. scales (Trophy Master) ..... \$500.00

**NIS-1400-050** Table Scale Set (.050" thk) for **Q1E** Flat Table .....\$50.00

**NIS-1400-080** Table Scale Set (.080" thk) for **Q1E** Flat Table .....\$65.00

**NIS-1400-125** Table Scale Set (.125" thk) for **Q1E** Flat Table .....\$80.00

**NIS-1400-155** Table Scale Set (.155" thk) for **Q1E** Flat Table .....\$110.00

**NIS-1400-188** Table Scale Set (.188" thk) for **Q1E** Flat Table .....\$135.00

**NIS-1401-050** Table Scale Set (.050" thk) for **OEM T-Slot** Table ..... \$50.00

**NIS-1401-080** Table Scale Set (.080" thk) for **OEM T-Slot** Table ..... \$65.00

**NIS-1401-125** Table Scale Set (.125" thk) for **OEM T-Slot** Table .....\$80.00

**NIS-1401-155** Table Scale Set (.155" thk) for **OEM T-Slot** Table .....\$110.00

**NIS-1401-188** Table Scale Set (.188" thk) for **OEM T-Slot** Table .....\$135.00



IS400: Vise does fit under table  
Trophy Master: Does **not** fit under on table

## Flat Table OEM, Q1E & Jig Set

**NIS-0403** Flat Table, OEM ..... \$90.00

**MMC-9001** Jig Set, Low Profile 8" long ..... \$65.00

**NV3-3010-100** Vise Assembly (Exchange / Outright) .....\$350.00 / \$600.00

Limited Vise Parts Available



## Stepper Motors IS 400

**NIS-4004-105** Stepper Motor, 1.05 A. 1 Stk., OEM X, Y or Z (used) ..... \$100.00

**ELM-0021-101** Stepper Motor, 1.0 A. 1 Stk., Hi-Torque X, Y, Z (New) ..... \$125.00

**ELM-0021-201** Stepper Motor, 2.0 A. 1 Stk., Hi-Torque X, Y, Z (New) ..... \$135.00



## Wire Harness IS400

**NIS-3000** Cable, Internal Wire Harness

\$500.00

# MORE PARTS FOR THE IS400

**Super Lubricant** Use all over the shop; use on slide bearing rails, leadscrews, spindle mechanisms, beveling tables to lubricate and protect.

**MSC-0003** Super Lubricant (12 oz) . . . . . \$18.00

**Q1E Recommended** 



**Low-Profile Vacuum Nose Assy** complete with standard Delrin nose and 8' hose. Use with any chip vacuum system and industry spindle.

**MMC-4002-100** Vacuum Nose Assembly, Std 1/2" Tube . . . . . \$60.00



1/4" version MOD

Yes - We have all parts for the spindle.

### Spindle & Spindle Parts

- NV5-3001** Spindle 11/64" Fully Rebuilt (Like New) . . . . . \$550.00
- NV5-3003** Spindle 1/4" Top Load 20k, New (11/64" version available) . \$795.00
- MMC-1906-001** Micrometer, Lower 11/64", 1" quill, V5 Spindle . . . . . \$55.00
- MMC-1901-100** Micrometer Pointer Assy. . . . . \$30.00
- NHC-1006-001** Centershaft, 11/64" Spindle SST . . . . . \$90.00
- BBB-0003-1** Bearing, 8x22x7mm, 30K rpm (each) . . . . . \$15.00
- NV5-3002-MOD** Spindle Transformation 11/64" → 1/4" (includes rebuild) . . \$480.00

### X & Y Axis Leadscrews - Good Used / New (less nut)

**NV3-2011-001** Leadscrew, X Axis (Used/New) . . . . . \$150.00 / \$300.00

**NV3-2011-002** Leadscrew, Y Axis (Used/New) . . . . . \$150.00 / \$300.00

**Leadscrew Nut**, Self-adjusting and best you can install. -.009 replaces oem white style ONLY.

**MMC-3000-009** Leadscrew Nut, 3/8" D .2" Lead, Flanged (most X,Y & Z) . . . . . \$80.00

**MMC-3000-021** Leadscrew Nut, 3/8" D .2" Lead, Flanged (Z) Orange . . . . . \$95.00



**More to be added weekly**

- NIS-0210-100** Fan IS Controller . . . . . \$25.00
- NIS-0220-100** OEM Table Standoffs . . . . . \$50.00
- NIS-4005** Rubber Foot, IS400 . . . . . \$20.00
- NIS-4006** Clamp for IS400 Thrust bearing Mount Aluminum (not plastic) . . \$45.00
- NIS-0201** Keypad Q1e for IS Controller (bottom only) . . . . . \$45.00
- MCE-1000-755** Computer XP Pentium good used fully loaded . . . . . \$450.00  
add Windows 7 Pro to XP Computer . . . . . add \$150.00

### Miscellaneous



**About Us - Quality One Engravers** has been in business since 1983. With a mechanical engineering background, we could never stop tinkering with our engravers trying to make them run faster, more reliably and do things they should, but couldn't. These features we offer are the culmination of many years of listening to the needs of engravers around the world and learning from other manufacturer's mistakes. We pride ourselves on the absolute best customer service in the industry. We answer our phones personally and you can reach a technician when you need one. With our new **Multi1422, Quest Engravers & Routers**, we now can to satisfy most all of your engraving business needs.



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