

## **Horlological Conservation, Restoration and Repair Program Tools Needed with Estimated Prices\***

**Note that prices fluctuate depending on the source.**

- 103 Gravers--\$15ea or make
- 103 Collets, every other size 12-50--\$20 ea
- 103 Collets, 2-11 --\$20 ea
- 103 Boley style gauge --\$25
- 103 Optivisor or loupe --\$5-\$50
- 103 Crocus cloth--\$5
- 103 Emery cloth--\$5
- 103 Buff sticks --\$3 ea
- 103 Polishing stones--\$10 - 20 ea
- 103 Std mm microm--\$25
- 103 Plithwood -- \$12 bx
- 103 Popsicle sticks, pkg--\$4
- 103 Alcohol lamp, torch--\$7.50-\$10.00
- 103 pivot drills, set--\$250
- 103 WW pattern lathe w/Motor--\$500 - 800
- 103 Crocker style sharpener--\$75
- 103 Calipers (opt)--\$16-\$30
- 103 India stone--\$12
- 103 mainspring clamps--\$6 pr
- 103 let-down chucks, --5 ea assorted -- \$7 - 13 ea
- 105 bench vise--\$20-\$175
- 105 Pin vises: lge & sml--\$15 ea
- 105 Bench block--\$15
- 105 Brass scratch brush--\$6.50
- 105 Brass/nylon hammer--\$20
- 201 Blower, dust--\$15
- 201 Mainspring coiling pliers, -(watch maker's)--\$40
- 201 Balance tack--\$20
- 201 (watch maker's) Dip Oiler set--\$20
- 201 Instrument rinse, 1 gal--\$44
- 201 Sleeve wrench--\$30
- 201 Presto #1 hand remover--\$25
- 201 Demagnetizer--\$10-\$75
- 201 Vigor L-G master case opener--\$90
- 201 Case knife--\$10
- 201 Pegwood bundle--\$2
- 201 Pivot file/burnishers--\$70
- 201 Rodico --\$10

201 One-Dip (Trichlor)--\$20  
201 Tweezers (watch maker's szs, 1, 3C, 4, 5, 15A)--~\$40 ea  
201 Watch maker's Pliers, -set --\$25  
201 Wash-out brush--\$6  
201 Oil cup stand\$--20  
201 Instr. cleaner (1 gal)--\$45  
201 Oil, Watch, 1 oz--\$43  
201 Watch movement holder--\$45  
201 Screwdrivers, (watch maker's)--\$50 - 300  
201 Watch paper--\$10  
201 Parts tray or triangles --\$10 dz  
202 Pipe cleaners --\$3  
202 Clock oiler --make  
202 M/S winder w/ sleeves, opt ---\$208  
202 Heavy work gloves ---\$10  
202 M/S grease --\$20  
202 pry bars, pair- -make  
202 Tweezers, (clock maker's)--\$20 ea  
202 Oil, clock---\$20  
202 Screwdrivers, (clock maker's)--\$20  
202 KT-22 grease-\$20  
202 Mainspring coiling pliers, (clock maker's)--\$20  
202 Clock maker's Pliers, set--\$5.50  
202 Clock movement holder---\$45  
203 Staking set, (watch maker's)--\$200+  
203 Staking set, (clock maker's)--\$54.50  
203 Staking hammer--\$20  
204 Flat file, 8-10"--\$8 -10  
204 Clock maker's Broaches, set, cutting--\$28.50-\$44  
204 Hand broaching tool--\$30  
204 Watch maker's Broaches, set, round--\$34  
204 Watch maker's Broaches, set, cutting--\$34  
204 Needle files, set of 12--\$15  
204 Jeweling set--\$200  
204 Clock maker's Broaches set, Round--\$44  
204 Screwhead file--\$30  
204 Jewelers saw w/blades--\$25  
204 Bushing tool (opt)--\$1,000  
204 Shellac scraper--make  
204 Depthing tool, (clock maker's)- (opt)-\$495  
204 Depthing tool, (watch maker's)--\$75  
204 Bushings, assorted--\$450  
205 Balance screw holder--\$50  
206 Truing calipers--\$30

206 Poising tool--\$75 - 100  
206 Bow open/close Tool--\$100  
305 Rouge cloth--\$5 ea  
305 Crystal cement--\$7  
305 Crystal remover-\$4- - 50  
opt Bench, chair, & lamp (opt) -\$750  
opt bench lamp-\$20-\$75  
opt Ultrasonic cleaner (opt)-\$400-1200

**Notes:**

These items constitute what York Time Institute considers the minimal essential set of tools needed by a professional in the horological crafts.

\*Cost figures were generally taken from well-known horological supply catalogs. However, some watch-related items are no longer made and must be obtained from the used market. Examples of unobtainable new items include tweezers for manipulating hairsprings.