

Electronica EL300 Lathe Kit Components – NOTE: Parts included may vary slightly w/size of kit

10" x 14" Clear bag

Magna Kit - L installation guide

10" x 14" Clear bag

Operational manual

Power cord

Brown Box - X Axis Scale

(1) Scale cover

(1) X axis scale (1 Micron)

(1) X axis readhead & cable assembly

5" x 7" Clear bag

(1) Calibration certificate

(1) Technical specifications sheet

4" x 5" Clear bag marked "S1 Scale Mounting Hardware 120-520mm"

3" x 4" Clear bag

(1) Clear mounting shim - used for determining readhead offset

3" x 4" Clear bag marked "SCALE COVER MOUNTING HARDWARE"

(2) M4 x 10mm slotted cheese head machine screws (silver) - for mounting X axis scale cover

(2) M4 plain flat washer (silver) - for mounting X axis scale cover

(3) "P" clips (silver) - for cable routing

(3) M4 x 10mm slotted cheese head machine screws (M4 x .7 thread, silver) - for mounting "P" clips

(3) M4 plain flat washer (silver) - for mounting "P" clips

(2) M4 x 15mm socket head cap screws (M4 x .7 thread, black) - used to fasten scale to cross slide via end caps

(2) M4 x 20mm socket head cap screws (M4 x .7 thread, black) - used to fasten readhead to readhead mounting bracket

(1) Cable tie mount (white zip tie) - used to secure cable

Brown Box - Z Axis Scale

(1) Scale cover

(1) Z axis scale (5 Micron)

(1) Z axis readhead & cable assembly

5" x 7" Clear bag

(1) Calibration certificate

(1) Technical specifications sheet

4" x 5" Clear bag marked "S1 Scale Mounting Hardware 620-1020mm"

3" x 4" Clear bag

(1) Clear mounting shim - used for determining readhead offset

3" x 4" Clear bag marked "SCALE COVER MOUNTING HARDWARE"

(3) M4 x 10mm slotted cheese head machine screws (silver) - for mounting Z axis scale cover

(3) M4 plain flat washer (silver) - for mounting Z axis scale cover

(3) "P" clips (silver) - for cable routing

(3) M4 x 10mm slotted cheese head machine screws (M4 x .7 thread, silver) - for mounting "P" clips

(3) M4 plain flat washer (silver) - for mounting "P" clips

(2) Scale midpoint support tabs (silver castings) - used to anchor midpoint of Z axis scale to lathe

(2) M4 x 8mm socket head cap screws (M4 x .7 thread, black) - used to fasten scale midpoint support tabs to lathe

(2) M4 x 15mm socket head cap screws (M4 x .7 thread, black) - used to fasten scale to lathe via end caps

(2) M4 x 20mm socket head cap screws (M4 x .7 thread, black) - used to fasten Z axis readhead to "T" Bracket

(1) Cable tie mount (white zip tie) - used to secure cable

9" Brown Box - Lathe Mounting Kit BKTA-11-0020 - (Z axis brackets)

6" x 8" Clear bag

(1) Bracket #37 (Item #4 in figure 13 exploded diagram) Vertical slotted adjustable arm

5" x 7" Clear bag

(1) Bracket #9 (Item #5 in figure 13 exploded diagram) Carriage mounting block

4" x 5" Clear bag

(1) "T" Bracket for Readhead (Item #6 in figure 13 exploded diagram)

2 ½" x 3" Clear bag

(6) M6 x 20mm socket head cap screws (M6 x 1.0 thread, black) - used to assemble & mount Z axis brackets to lathe

(6) M6 plain flat washer (silver) - used to assemble & mount Z axis brackets to lathe

(6) M6 spring / lock washer (black) - used to assemble & mount Z axis brackets to lathe

9" Brown Box - Plain Adjustment Bkt BKTA-00-0020 Simple Mounting Kit BKTA-10-0020

4" x 5" Clear bag

(2) Bracket #2 (Item #3 in figure 12 exploded diagram) Support brackets - used to elevate Z axis scale endcaps (if needed)

2 ½" x 3" Clear bag

(4) M6 x 15mm socket head cap screws (M6 x 1.0 thread, black) - used to fasten Z axis support brackets to the lathe

(8) M6 x 10mm grub screws (M6 x 1.0 thread, black) - used to level Z axis support brackets

3" x 4" Clear bag

(1) Readhead mounting bracket (Item #4 in figure 10 exploded diagram) - used to mount X axis readhead to cross slide

2 ½" x 3" Clear bag

(2) M6 x 35mm socket head cap screws (M6 x 1.0 thread, black) - used to fasten X axis readhead mounting bracket to cross slide

(2) M6 plain flat washer (silver) - used to fasten X axis readhead mounting bracket to cross slide

(4) M4 x 12mm grub screws (M4 x .7 thread, black) - used to level X axis readhead bracket

13" Brown Box - Single Arm Stand 0114-03-0110

(1) Fork arm (Item #1 in figure 14 exploded diagram) Display mounting arm

4" x 5" Clear bag

(1) End bracket (Item #2 in figure 14 exploded diagram) - support bracket for display mounting arm

3" x 4" Clear bag

(1) M10 x 60mm socket head cap screw (M10 x ? thread, black) - used to secure mounting arm to end bracket

(1) M10 nylock nut (silver / blue) - used to secure display mounting arm to end bracket

(2) M10 plain flat washer (silver) - used to secure display mounting arm to end bracket

(2) M10 nylon washer (white) - used to secure display mounting arm to end bracket

(2) M6 x 15mm socket head cap screws (M6 x 1.0 thread, black) - used to secure support bracket for display mounting arm

(4) M6 x 8mm grub screws (M6 x 1.0 thread, black) - used to level end bracket for display mounting arm

9" x 13" Brown Box - Display Head

(1) EL 300 Universal display head

(1) Display head cover

4 ½" x 5" Bubble wrap pouch

3" x 4" Clear bag marked "EL300 Grounding Kit"

Braided length of grounding wire

3" x 4" Clear bag marked "EL300 Mounting Hardware"

(1) M8 x 50mm threaded rod (M8 x 1.0 thread, black) - used to mount display to fork arm

(1) M8 nylock nut (silver / blue) - used to mount display to fork arm

(2) M8 plain flat washer (silver) - used to mount display to fork arm

(2) M8 nylon washer (white) - used to mount display to fork arm

(1) M8 nylon washer (white) - used to mount display to fork arm

(1) M8 lock nut (silver) - used to mount display to fork arm