

Y Axis Adjustment

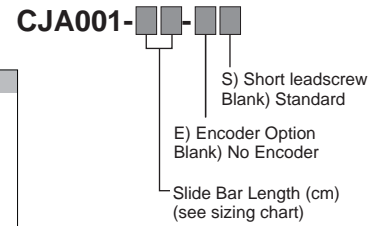


Y-Axis

Included Components:
 1 CJS001
 2 CJS008
 1 BG0038-XX
 1 CJ0022
 1 CJS005

CJA001-45-E Shown

Slide Bar Length	Slide Configuration
20	Single Slide
25	Single Slide
30	Dual Slide
35	Dual Slide
40	Dual Slide
45	Dual Slide
50	Dual Slide
55	Dual Slide



Main Knob

CJS001

The bracket of the Main Knob assembly attaches into the Slide Bar dovetail groove and houses the bearings for the knob. The knob is clamped onto the lead screw so that the knob and the lead screw rotate as one. The Main Knob assembly may be positioned on the Slide Bar wherever it is most convenient.



Slide

CJS008

A Probe Holder may be attached to each Slide with the incorporated dovetail grooves. The small knob allows independent translation of each slide along the Slide Bar. To do so, the lock knob must be loosened first.



Slide Bar

BG0038-

The Slide Bar is a component borrowed from the Stix scanner (see Stix section). Different lengths of Slide Bars are available. The length of the Slide Bar makes up a portion of the part number of a Y-Axis assembly. See sizing information for details

Slide Bar Length (cm)

20	40
25	45
30	50
35	55



Lead Screw

CJ0022-

The Lead Screw is rotated manually by turning the Main Knob. It provides the lateral force on the Slides to induce motion. It is made of durable stainless steel.

Lead Screw Length (cm)

13	33
18	38
20	43
23	48
28	



Encoded Lead Screw

CJS009-

The Encoded Lead Screw is a lead screw with one end machined to engage with and drive the Encoder.

Encoded Lead Screw Length (cm)

16	33
18	38
21	43
23	48
28	



Encoder

CJS005-A30

The Encoder attaches to the Slide Bar and engages with the Encoded Lead Screw to provide positional feedback on lateral position of the probe(s). It may be plugged into any standard Jireh umbilical that contains a 6-pin auxiliary input output is RS422 compatible line driver, 271counts/inch (quadrature decode), power requirements are 4.5-5.5VDC 25ma.