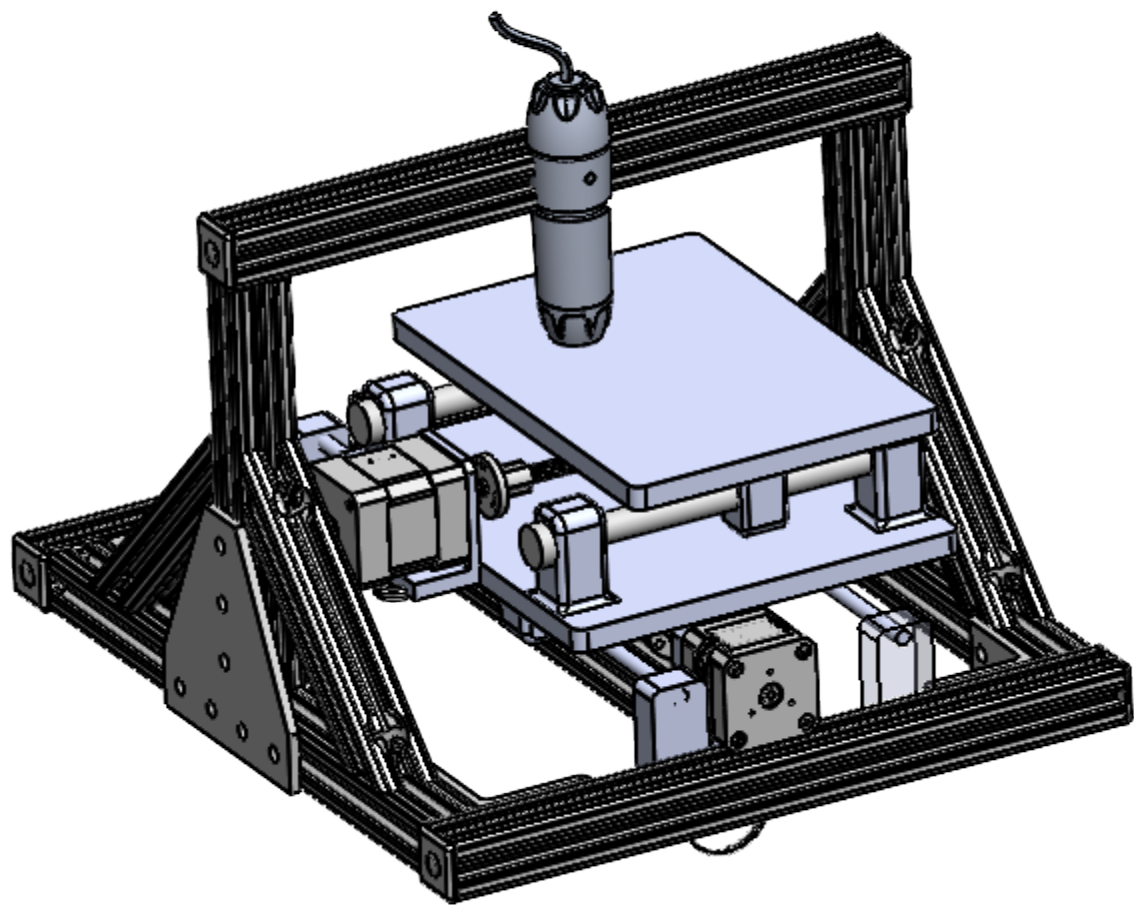
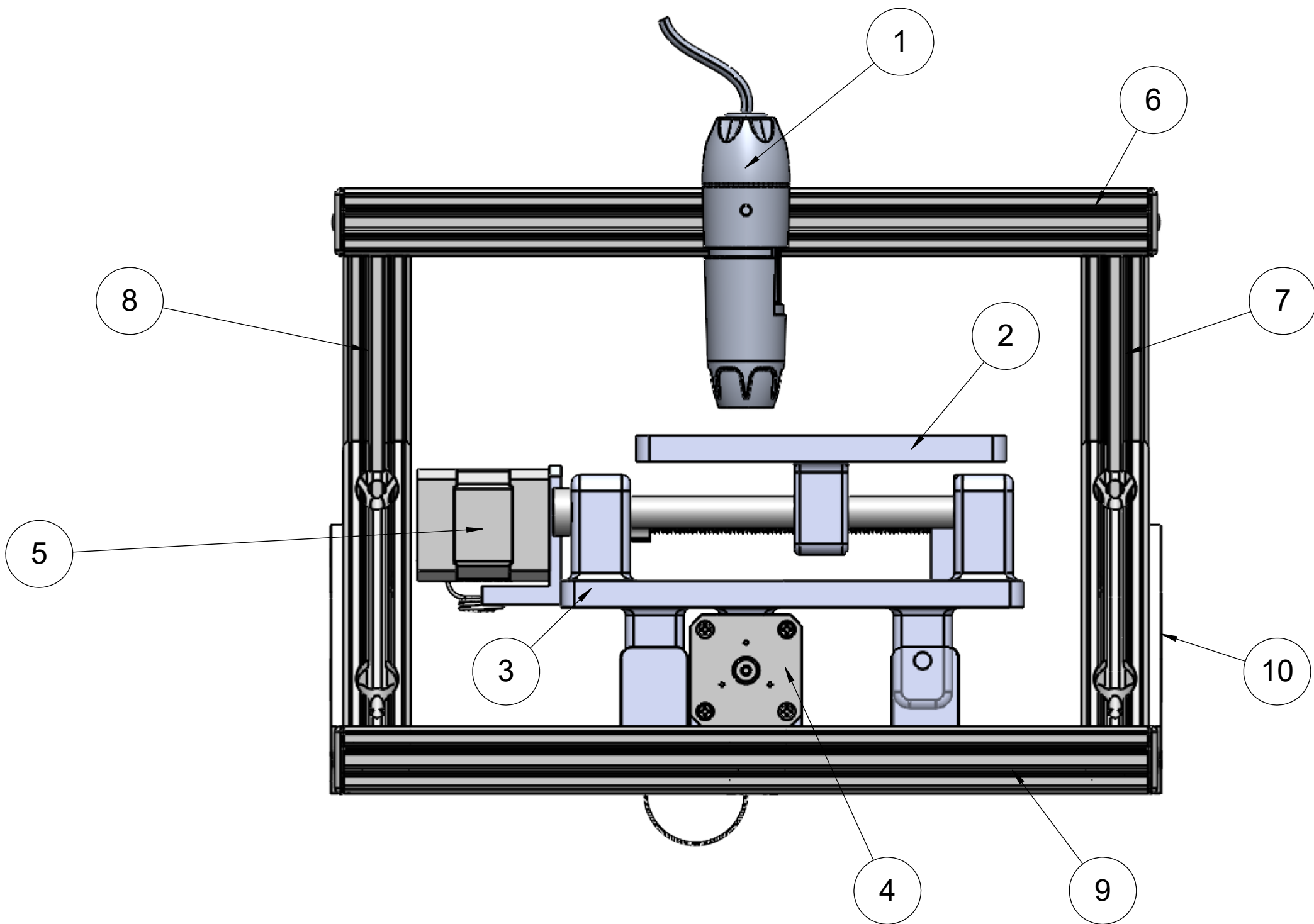


AUTOMATIC MEASUREMENT MACHINE  
PRELIMINARY FOR REVIEW



BALLOON NUMBER	DESCRIPTION	PN	SUPPLIER
1	USB CAMERA	B07QS74QSW	AMSCOPE, AMAZON
2	X-AXIS BASE PLATE	BP-XA-01	Z-AXIS CC
3	Y-AXIS BASE PLATE	BP-YA-01	Z-AXIS CC
4	NEMA 17 Y-AXIS STEPPER MOTOR 11.2" TRAVEL	8677N18	MCMaster, MPJA ELECTRONICS
5	NEMA 17 X-AXIS STEPPER MOTOR 6.2" TRAVEL	8677N55	MCMaster, MPJA ELECTRONICS
6	ALUMINUM EXTRUSION T-SLOTTED FRAMING, 1" HEIGHT 12" LENGTH	47065T411	MCMaster
7	ALUMINUM EXTRUSION T-SLOTTED FRAMING, 1" HEIGHT 7" LENGTH	47065T821	MCMaster
8	ALUMINUM EXTRUSION T-SLOTTED FRAMING, 1" HEIGHT 7" LENGTH	47065T821	MCMaster
9	ALUMINUM EXTRUSION T-SLOTTED FRAMING, 1" HEIGHT 12" LENGTH	47065T411	MCMaster
10	SILVER TEE SURFACE BRACKET	3136N151	MCMaster



CONTROL SYSTEM REQUIREMENTS:

- PC RUNNING WINDOWS 10\11
- CUSTOM C# APPLICATION
- SEE SOURCE REPO

FOR MORE INFORMATION

[www.zaxisconnector.com](http://www.zaxisconnector.com)

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS  
DRAWING IS THE SOLE PROPERTY OF  
Z-AXIS CONNECTOR CO. ANY  
REPRODUCTION IN PART OR AS A WHOLE  
WITHOUT THE WRITTEN PERMISSION OF  
Z-AXIS CONNECTOR CO. IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: FRACTIONAL ±1/32 ANGULAR: MACH ±1/2° BEND ± TWO PLACE DECIMAL   ±.25 THREE PLACE DECIMAL   ±.127 FOUR PLACE DECIMAL   ±.0051	DRAWN	NAME	DATE	Z-AXIS CONNECTOR CO. TITLE: <div>Automatic Measurement Machine</div>
			JDG		2/28/25	
			CHECKED			
			ENG APPR.			
			MFG APPR.			
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE <div>C</div> <div>DWG. NO. ATM-000-3D-A</div> <div>REV -</div> <div>SCALE:</div> <div></div> <div>SHEET 1 OF 1</div>
		MATERIAL	COMMENTS:			
		See Notes				
		FINISH				
		NONE				
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING			

ISO 9001:2015 Certified