

When you need to measure an extrusion what do you use?

Interruptions from your manufacturing processes can mean costly downtime.

The right tools can help you to determine the cause of the problems.

PLV has developed a quick, easy, accurate and affordable way to measure extruded profile dimensions, angles and colors. We measure PVC, aluminum, fiberglass and rubber extruded profiles.

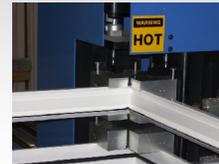
NEW: We can now compare **Colors**



Cutting



Corner Cleaning



Welding



Punching



Extrusion

In use by Window & Door Manufacturers and Extruders

FS200 System Description:

Making dimensional measurements is now as easy as scanning a profile cross section. With a few intuitive point and clicks with a mouse, you can establish a reference plane and measure any feature on the profile. You can also quickly add angle measurements and print a professional report with a picture of the scanned profile. Using the same system you can scan a reference color and a sample then compare them using the industry standard delta e value.

Quote from a top 100 window manufacturer:

“ We had two main goals to achieve. First we wanted our quality technicians involved in other tasks rather than taking all their time inspecting incoming material. Secondly we wanted to eliminate the difference of measurements taken by two different technicians. Those goals were easily achieved by your system since it is fast, precise and highly repeatable. We were also capable of taking measurements that would be physically impossible (with a caliper) in order to measure the compatibility between parts.”

Ask us for an online demo on your desktop



System Features:

- Measure Angles
- Dimensions
- Compare Colors
- User defined XY Plane
- Nominal Cad Overlay
- Print Reports
- Save Data and Images
- Statistic Functions

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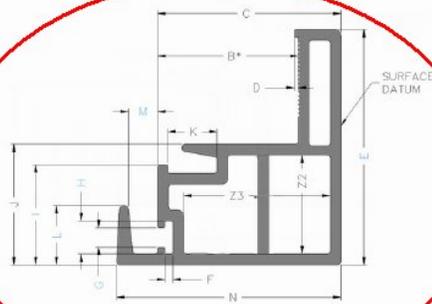


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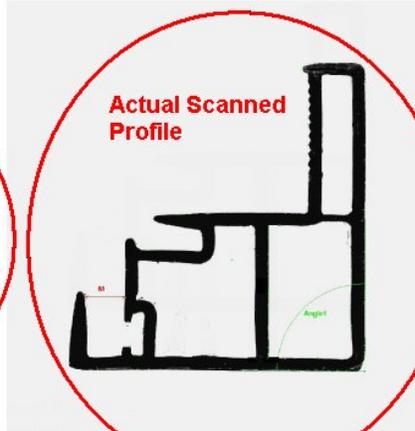
Sample System Report:

Measurement Results

Part ID: Demo6
 Time Stamp: 04/11/2008 1:45:34 PM
**Part Name with Time
 Stamp of Inspection**



**Measurement Layout
 from a CAD file**



**Actual Scanned
 Profile**

Scanner : ---
 Shutter : ---
 Operator : ---
 Line# : ---

Acceptability : ---
 Supplier : ---
 Lot Number : ---
 ImgMag : ---
 Machine# : ---

**Customer Fields for
 Additional Info**

ToolName	Actual	PassFail	Delta	Nominal	UpperTol	LowerTol
Angle1	89.590	Pass	89.590	0	180	-180
B	23.090	Warning	- 0.270	23.360	23.660	23.060
C	30.220	Pass	- 0.240	30.460	30.760	30.160
D	0.740	Pass	0.100	0.640	0.840	0.440
E	39.190	Pass	0.130	39.060	39.360	38.760
F1	1.460	Warning	0.160	1.300	1.500	1.100
G1	3.130	Pass	- 0.070	3.200	3.400	3
H1	5.540	Pass	0.040	5.500	5.700	5.300
I	16.710	Pass	0.060	16.650	16.950	16.350
J	19.820	Pass	- 0.190	20.010	20.310	19.710
K	8.440	Warning	0.280	8.160	8.460	7.860
L	9.920	Pass	0.050	9.870	10.170	9.570
M	5.150	FAIL	0.370	4.780	5.080	4.480
N	37.530	Pass	0.240	37.290	37.590	36.990
Z2	16.840	Warning	0.430	16.410	16.910	15.910
Z3	24.770	Warning	0.410	24.360	24.860	23.860