

Scan Systems Corp. EDM Notch Master 201m and 301mr Equipment and Capabilities	Notch Master EDM 201m	Notch Master EDM 301mr
The EDM Notch Master Models 201m and 301mr are designed to create <u>ID and OD</u> artificial flaws in metal and tubular goods to meet published standard specifications for calibration of nondestructive testing equipment in quality conscious industries. They are <u>portable</u> , easy to move around plants or storage facilities to various work sites .	The Notch Master EDM 201m is designed to create <u>ID and OD</u> artificial flaws in seamless and welded tubular goods to meet API casing, tubing and line pipe calibration standard specifications.	The Notch Master 301mr is designed to create <u>ID and OD</u> artificial flaws as well as remove large area of metal for special NDT applications in tubular goods, forged products and other ferrous metal products to meet published and private calibration standards in quality conscious industries.
Types of Artificial Flaws In Both The Inside Diameter and Outside Diameter	Longitudinal, Transverse, Oblique, Wall Reduction, V-notches, Gaps, Pits, Holes, and Round or Dimensional Custom Shapes of 1" area or less	Longitudinal, Transverse, Oblique, Wall Reduction, V-notches, Gaps, Pits, Holes, and Round or Dimensional Custom Shapes and Extra-Large Flaws Up To 4" Flat Bottom Rectangle or Variable Shape
Digital Readout	0.001" Resolution (Available in U.S. or Metric Assemblies)	0.001" Resolution (Available in U.S. or Metric Assemblies)
Pipe Size OD	No Limitations	No Limitations
Pipe Size ID	1.800" or Larger (Small ID Options Available)	1.800" or Larger (Small ID Options Available)
Maximum ID Notch Distance From End Of Pipe	Customer Specs Up To 12'	Customer Specs Up To 12'
Probe Plunge Distance	0.175" Maximum (Deeper Options Available)	0.175" Maximum (Deeper Options Available)
Electrode Sizes --		
Linear Notches - Maximum	0.006" to 0.040 wide X 2.00" Long	0.006" to 0.040 wide X 2.00" Long
Flat Bottom Hole - Maximum	1.00" Diameter	Larger than 1.00" Diameter
Wall Reduction - Maximum	1.00" x 1.00"	4" Area
Pits	1.00" Diameter	4" Area
Oblique Notch Angle Off Longitudinal Axis Of Pipe	0-180 degrees either direction off center	0-180 degrees either direction off center
Optional Cutter Equipment		
Modified Cutting Tool	1.5" Minimum ID	1.5" Minimum ID
Mini-Tool (Tranverse & Longitudinal Only)	1.0" Minimum ID	1.0" Minimum ID
Mini-Tool Fixed Angle Oblique Assembly	Special Order	Special Order
Tubing Adapter Kit	3/8" Minimum ID	3/8" Minimum ID
Round Electrode Holder	0.50" Maximum Dia.	0.50" Maximum Dia.
0.50" Stroke Assembly	0.50" Probe Plunge Distance	0.50" Probe Plunge Distance