

THE NEW

Death Date Cutter

MODEL 315 MTP



NEW TO THE 315 FAMILY
FROM ALLEN DATAGRAPH
COMES A NEW TYPE OF CUTTER
FOR YOUR TRAVEL NEEDS

Model Summary

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| Material Width..... | 15 Inches |
| Active Cutting Width..... | 13.25 inch (337 mm) |
| Media, maximum thickness..... | .045 inch (1.1 mm) |
| Media handling..... | engineered Sprocket-Trak |
| Media punch patterns accepted..... | three hole, slotted, unifrom (IBM) |
| Media types..... | paper, vinyls, screen print, reflexives, Magnetics, Semi-rigid (PVC), Sandblast stencil |
| Drive Technology..... | Digital Servo |
| Cutting Technology..... | Swivel Knife |
| Material Handling..... | Sprocket-Feed |
| Resolution, addressable (HPGL)..... | 0.000984 inch (0.25 mm) |
| Resolution, mechanical | 0.0002 inch (0.005 mm) |
| End Point Accuracy..... | 0.0009843 inch (0.25 mm) or 0.1% of total |
| Repeatability..... | 0.004 inch (0.10 mm) |
| Speed, Maximum On-Axis..... | 37 ips (940 mm/second) |
| Speed, MAXimm Diagonal..... | 52 ips (1320 mm/second) |
| Acceleration, Selectable..... | Balanced, 0.25 to 4 G's |
| Force, selectable in 100 steps..... | 0.0 oz. - 19.4 oz. (0g-550g) |
| Buffer..... | 2 MB, expandable to 8MB |
| Microprocessor..... | Intel RISC 80960 |
| Command Language..... | HPGL |
| Interface..... | RS-232-C |
| Functional Attributes / Features | |
| Vector Look Ahead..... | Yes |
| Curve and Arc Smoothing..... | Yes |
| Test Plot Funtion..... | Yes |
| Test Cut Funtion..... | Yes |
| Pause/Resume..... | Yes |
| Remote Panel (system set-up, control & diagnostics)..... | Yes |
| Knife Blades..... | Pivoting carbide tip, 45 & 60 degree |
| Knife Offset, selectable..... | 0.01 to 1 inch (0 to 2.5mm) |
| Pens available..... | roller ball, felt or drafting (HP style) |
| Pounce tip..... | tool steel |
| Pounce pitch, selectable..... | 0.01 to 1.0 inch (0.25 to 2.5 mm) |
| Power Output..... | 12 volts |
| Stand - N/A..... | Desktop |
| Operating temperature..... | 32 to 117 F (0 to 40 C) |
| Operating Humidity..... | relative, 5% to 95% |

