Uniting the New Advance Control Unit with Evolving V Technology

Ergonomic design
- Easy-to-view screen (15-in)
- Intuitive operations using touch-panel control
- User-friendly keyboard and mouse

New Control Unit

Easy-Advance Pursing operability with ease-of-use

Large screen and outstanding operability

[Setup]
- Graphical workplace or electrode measurement screen

Machining condition search (shape expert)
- Setting for pocket rib and edge machining

Rib
- Setting for pocket rib and edge machining

Machining condition and programs suitable for various shapes can be created

[Gate]
- Easily create programs for sub-gate machining

Net-Advance Advanced support services using Internet technology

Update system software via the Web!
- Update the system software to the latest version from the support website,
  DIAX-NET.COM
- Simultaneously update the EDM contents (e-manual, alarm guide, technical know-how), etc.

DIAX-NET.COM http://www.diax-net.com/

Machining support ESPERADVANCE

- Easy table-formal programming

Difficult-to-program items such as threads and helical machining are supported

[Threads]
- Programs for rough finish machining with one electrode

Various Machining Applications are possible with V Technology

V Technology

Machining Machining performance

FP-V power supply
- Energy-saving power supply reduces operating cost
- Machining with tungsten carbide at high speed with low electrode wear

Wear suppression circuit, narrow gap circuit
- Suitable for small electrode amounts of 0.015 to 0.03mm per-side.

Machining stabilizing jump control: SS Jump 3
- The load on the electrode is reduced by optimized smoothing of the jump movement, thereby stabilizing machining and increasing the speed

Machining adaptive control
- Automatically adjusts to the optimum conditions according to the machining state

Machine Machine performance

Semi-cabin structure

Thermal displacement compensation function
- Reduces thermal displacement caused by temperature changes
- Stabilizes the accuracy during long-term machining

Working tank
- The three-sided drop tank improves access for work set-up
- Adjustable fluid flow rates increase the range of no-fush machining