



**TANSO**  
Svenska Tanso AB

# PREMIUM

FILTERS FOR PURE PROFESSIONALS  
ONE MICRON FILTRATION TECHNOLOGY



**WEDM FILTERS**

# IQ PREMIUM

## HIGH QUALITY MADE AFFORDABLE

This filter series is manufactured by using a new synthetic high density polyester filter media, a filter media with unsurpassed strength when wetted.

The thin filter media makes it possible to vastly increase the filter surface area and therefore also greatly extend the intervals between necessary replacements of used filters. A high pressure stability (3 Bar) is also ensured.

### **BENEFITS:**

- Up to 40 % longer service life by comparison to other high quality synthetic filters
- Extremely pure dielectric from the very beginning of operation throughout the entire process
- Less machine corrosion
- Extended service life of the ion exchange resin
- Reduction of secondary discharge due to fewer particles in the process water
- Improved surface finish
- Higher cutting speeds
- Fewer wire breaks
- Reduced machine wear

## iQ Premium FS-330X

**Dimension:** Ø 340/46 x 300 mm

Powder coated / corrosion resistant

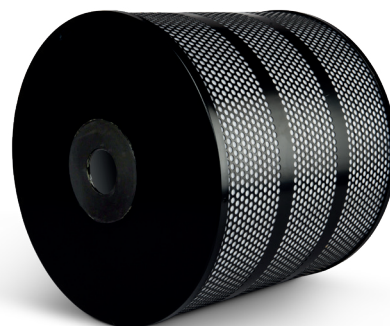
Manufactured in Japan

**Filter fineness:** 1 micron

**Filter surface:** 17,8 m<sup>2</sup>

**Differential pressure:** max. 3,0 bar

**Packaging unit:** 2 filters per box



## iQ Premium FM-340X

**Dimension:** Ø 340/G $\frac{3}{4}$ " x 300 mm

Powder coated / corrosion resistant

Manufactured in Japan

**Filter fineness:** 1 micron

**Filter surface:** 17,8 m<sup>2</sup>

**Differential pressure:** max. 3,0 bar

**Packaging unit:** 2 filters per box

**Connection thread:** G  $\frac{3}{4}$ "

**Connectors:** 2 complete sets for Fanuc and Makino/Mitsubishi/Seibu are included in each box



## iQ Premium FM-450X

**Dimension:** Ø 340/G $\frac{3}{4}$ " x 450 mm

Powder coated / corrosion resistant

Manufactured in Japan

**Filter fineness:** 1 micron

**Filter surface:** 25,9 m<sup>2</sup>

**Differential pressure:** max. 3,0 bar

**Packaging unit:** 2 filters per box

**Connection thread:** G  $\frac{3}{4}$ "

**Connectors:** 2 complete sets for Fanuc and Makino/Mitsubishi/Seibu are included in each box



| Machine        | Model                                                                                                                                           | Item code# | Description          | Dimension                        |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------|----------------------------------|
| AGIECHARMILLES | CUT- (20, 20P, 30, 30P, 200, 300, 400, E350, E600, P350, P550, P800, P1250)                                                                     | 04.01.610  | iQ Premium - FM-450X | Ø 340/G $\frac{3}{4}$ " x 450 mm |
| CHARMILLES     | ROBOFIL- (240CC, 240CCS, 240SL, 240SLP, 440CC, 440CCS, 440SL, 440SLP)                                                                           |            |                      |                                  |
|                | ROBOFIL- (230F, 240, 240CC, 240CCS, 390, 440, 440CC, 440CCS, 640CC, 640CCS, 690)                                                                | 04.01.600  | iQ Premium - FS-330X | Ø 340/46 x 300 mm                |
| FANUC          | OLD- (O, P, Q, R, S, T, V)                                                                                                                      | 04.01.600  | iQ Premium - FS-330X | Ø 340/46 x 300 mm                |
|                | W- (0, 1, 2, 3, 4)                                                                                                                              |            |                      |                                  |
|                | α- (0A, 1A, 0B, 1B, 0C, 1C, 0iA, 1iA)                                                                                                           |            |                      |                                  |
|                | α- (0iB, 1iB, 0iC, 0iC P, 1iC, 0iD, 1iD, 1iD P, 0iE, 1iE)                                                                                       | 04.01.605  | iQ Premium - FM-340X | Ø 340/G $\frac{3}{4}$ " x 300 mm |
|                | α- (C400iA, C600iA)                                                                                                                             |            |                      |                                  |
|                | α- (C400iB, C600iB, C800iB)                                                                                                                     |            |                      |                                  |
|                | α- (C400iA, C600iA)                                                                                                                             | 04.01.610  | iQ Premium - FM-450X | Ø 340/G $\frac{3}{4}$ " x 450 mm |
| MAKINO         | α- (C400iB, C600iB, C800iB)                                                                                                                     |            |                      |                                  |
|                | DUO- (43, 64)                                                                                                                                   | 04.01.605  | iQ Premium - FM-340X | Ø 340/G $\frac{3}{4}$ " x 300 mm |
|                | EC- (32, 64)                                                                                                                                    |            |                      |                                  |
|                | ECQ- (53)                                                                                                                                       |            |                      |                                  |
|                | EU- (53, 64)                                                                                                                                    |            |                      |                                  |
|                | SP- (43, 64)                                                                                                                                    |            |                      |                                  |
|                | U- (3, 3 HEAT, 6, 6 HEAT, 32, 32i, 32K, 53, 53i, 53j, 53K, 53Tj, 86, 1310)                                                                      |            |                      |                                  |
|                | UH- (2)                                                                                                                                         |            |                      |                                  |
|                | UP- (32i, 32j, 53i, 53j)                                                                                                                        |            |                      |                                  |
|                | UPH- (1, 2)                                                                                                                                     |            |                      |                                  |
|                | UPJ- (2)                                                                                                                                        |            |                      |                                  |
|                | UPN- (01)                                                                                                                                       |            |                      |                                  |
|                | UPV- (3, 5)                                                                                                                                     |            |                      |                                  |
|                | W- (32FB, 53FB)                                                                                                                                 |            |                      |                                  |
|                | DUO- (43, 64)                                                                                                                                   | 04.01.610  | iQ Premium - FM-450X | Ø 340/G $\frac{3}{4}$ " x 450 mm |
|                | BA- (8, 24)                                                                                                                                     | 04.01.605  | iQ Premium - FM-340X | Ø 340/G $\frac{3}{4}$ " x 300 mm |
|                | CX- (10, 20)                                                                                                                                    |            |                      |                                  |
| MITSUBISHI     | FA- (10, 10P, 10V, 10VS, 20, 20P, 20V, 20VS, 30P, 30V)                                                                                          |            |                      |                                  |
|                | FX- (10, 10K, 20, 20K, 30, 30K)                                                                                                                 |            |                      |                                  |
|                | MP- (1200, 2400)                                                                                                                                |            |                      |                                  |
|                | MV- (1200R, 1200S, 2400R, 2400S)                                                                                                                |            |                      |                                  |
|                | NA- (1200, 1200P, 2400, 2400P)                                                                                                                  |            |                      |                                  |
|                | PA- (05S, 20)                                                                                                                                   |            |                      |                                  |
|                | PX- (5)                                                                                                                                         |            |                      |                                  |
|                | QA- (10, 20)                                                                                                                                    |            |                      |                                  |
|                | RA- (9, 90)                                                                                                                                     |            |                      |                                  |
|                | BA- (8, 24)                                                                                                                                     | 04.01.610  | iQ Premium - FM-450X | Ø 340/G $\frac{3}{4}$ " x 450 mm |
|                | CX- (10, 20, 30)                                                                                                                                |            |                      |                                  |
|                | FA- (10, 10V, 10VS, 20, 20P, 20V, 20VS, 30P, 30V)                                                                                               |            |                      |                                  |
|                | FX- (10, 10K, 20, 20K, 30, 30K)                                                                                                                 |            |                      |                                  |
|                | MV- (1200R, 1200S, 2400R, 2400S)                                                                                                                |            |                      |                                  |
|                | NA- (1200, 2400)                                                                                                                                |            |                      |                                  |
|                | PA- (20)                                                                                                                                        |            |                      |                                  |
|                | PX- (05)                                                                                                                                        |            |                      |                                  |
|                | QA- (10, 20)                                                                                                                                    |            |                      |                                  |
|                | RA- (9, 90)                                                                                                                                     |            |                      |                                  |
| SEIBU          | EW- (A5S2, C3, C5S, C5S2, M500S)                                                                                                                | 04.01.605  | iQ Premium - FM-340X | Ø 340/G $\frac{3}{4}$ " x 300 mm |
|                | M- (300, 500, 750) S                                                                                                                            |            |                      |                                  |
|                | M- (35, 50, 75) A                                                                                                                               |            |                      |                                  |
|                | MM- (35, 50, 70A)                                                                                                                               |            |                      |                                  |
| SODICK         | A- (300W, 320D, 325, 350W, 500W, 500WP, 530D, 535, 600W, 600WP, 750W)                                                                           | 04.01.600  | iQ Premium - FS-330X | Ø 340/46 x 300 mm                |
|                | AD- (325L)                                                                                                                                      |            |                      |                                  |
|                | AG- (360L, 400L, 600L, 600LH)                                                                                                                   |            |                      |                                  |
|                | AL- (400G, 400P, 600G, 600P)                                                                                                                    |            |                      |                                  |
|                | ALC- (400G, 400P, 600G, 600P, 800G)                                                                                                             |            |                      |                                  |
|                | ALN- (400G, 400Q, 600G, 600Q)                                                                                                                   |            |                      |                                  |
|                | AP- (250L (water), 450L (#687~ water/oil type), 500L (water), 650L)                                                                             |            |                      |                                  |
|                | AQ- (300L, 325L, 327L, 360L, 360L(X), 400L, 535L, 537L, 550L, 560L, 560L(X), 600, 750L, 750LH, 800L, 900L, 1200L, 1200LH, 1500L, HANACO, JUNCO) |            |                      |                                  |
|                | BF- (250, 275, 280L)                                                                                                                            |            |                      |                                  |
|                | HB- (1000W)                                                                                                                                     |            |                      |                                  |
|                | SL- (400G, 400Q, 600G, 600Q)                                                                                                                    |            |                      |                                  |
|                | SLC- (400G, 400Q, 600G, 600Q)                                                                                                                   |            |                      |                                  |
|                | VL- (400Q, 600Q)                                                                                                                                |            |                      |                                  |
|                | VZ- (300L, 500L, 500LH)                                                                                                                         |            |                      |                                  |