

# PRODUCT SPECIFICATION

|                  |                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand            | C.K                                                                                                                                               |
| Product Range    | Sensoplus ESD Pliers                                                                                                                              |
| Catalogue number | 3703D, 3707D, 3760D, 3766D, 3767D, 3769D, 3770D, 3771D, 3772D, 3773D, 3777D, 3779D, 3780D, 3781D, 3782D, 3783D, 3786D, 3787D, 3799D, 3871D, 3880D |
| Date             | 27/10/2008                                                                                                                                        |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div> <div>Range Description</div> <div>A range of professional quality ESD Electronic pliers and cutters</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <div> <div>Features</div> <ul style="list-style-type: none"> <li>Hot drop forged high alloy carbon and chrome vanadium steel for maximum strength</li> <li>Precision box joint for smooth and accurate action, longer product life. No adjustments necessary for the life of the pliers</li> <li>Induction hardened blades for a long life</li> <li>Mirror polished surface removes the risk of damage through flaking chrome</li> <li>Spot welded double leaf springs removes the need for adjustment or replacement</li> <li>Ergonomcally designed dual component handles – fully ESD compliant</li> <li>Items marked * have Tungsten carbide cutting edges for the ultimate in long life performance</li> <li>Cat no 3782D feature a wire catch facility to stop the loss of off-cuts in sensitive equipment</li> </ul> </div> |  |





3766D



3767D



3769D



3770D



3771D



3772D



3773D



3777D



3779D



3780D



3781D



3782D



3783D



3786D

|             |                                                                                                                                                                    |  <p>3787D</p>  <p>3799D</p>  <p>3871D</p>  <p>3880D</p> |                |            |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| Item Number | Item Description                                                                                                                                                   | EAN No                                                                                                                                                                                                                                                                                                                                                                                             | Commodity code | Carton Qty |
| T3703D      | Sensoplus ESD 6 Piece Pliers Set Containing T3773D 115, T3880DF 110, T3766DF 110, T3786DF 120, T3772D 120, T3770D 120.                                             | 5013969978193                                                                                                                                                                                                                                                                                                                                                                                      | 82060000       | 1          |
| T3707DX     | ESD 14 Piece Tool Kit Containing Sensoplus ESD Pliers T377D 120 & T3773D 115. T2334 Positioning Tweezers, T2343 Precision Tweezers, T4880XESD Slotted Screwdrivers | 5013969983784                                                                                                                                                                                                                                                                                                                                                                                      | 82060000       | 1          |

|              |                                                                                                            |               |          |   |
|--------------|------------------------------------------------------------------------------------------------------------|---------------|----------|---|
|              | 1.5x60, 1.8x60, 2.5x60, 2.5x75, 3.0x100, 4.0x100, T4882XESD Screwdrivers PH000x60, PH00x60, PH0x60, PH1x80 |               |          |   |
| T3760DF 110  | Sensoplus ESD Oblique Cutter Full Flush 120mm*                                                             | 5013969988758 | 82032090 | 1 |
| T3766DEF110  | Sensoplus ESD Side Cutter Extra Full flush 110mm                                                           | 5013969028287 | 82032090 | 1 |
| T3766DF 110  | Sensoplus ESD Side Cutter Full Flush 110mm                                                                 | 5013969973518 | 82032090 | 1 |
| T3767D 120   | Sensoplus ESD Snipe Nose Pliers 120mm                                                                      | 5013969982145 | 82032090 | 1 |
| T3769D 150   | Sensoplus ESD Bent Snipe Nose Pliers 150mm                                                                 | 5013969982152 | 82032090 | 1 |
| T3770 1D120  | Sensoplus ESD Flat Nose Pliers 120mm                                                                       | 5013969982169 | 82032090 | 1 |
| T3770D 120   | Sensoplus ESD Flat Nose Pliers Smooth 120mm                                                                | 5013969973655 | 82032090 | 1 |
| T3771D 120   | Sensoplus ESD Round Nose Pliers Smooth 135mm                                                               | 5013969986945 | 82032090 | 1 |
| T3772 1D120  | Sensoplus ESD Snipe Nose Pliers 120mm                                                                      | 5013969037456 | 82032090 | 1 |
| T3772D 120   | Sensoplus ESD Snipe Nose Pliers 120mm                                                                      | 5013969973662 | 82032090 | 1 |
| T3773D 115   | Sensoplus ESD Side Cutter Mini Bevel 115mm                                                                 | 5013969973549 | 82032090 | 1 |
| T3773DEF115  | Sensoplus ESD Side Cutter Extra Full Flush 115mm                                                           | 5013969973563 | 82032090 | 1 |
| T3773DF 115  | Sensoplus ESD Side Cutter Full Flush 115mm                                                                 | 5013969973556 | 82032090 | 1 |
| T3777D 150   | Sensoplus ESD Snipe Nose Plier 150mm                                                                       | 5013969037449 | 82032090 | 1 |
| T3779D 115   | Sensoplus ESD Side Cutter Mini Bevel 125mm*                                                                | 5013969982039 | 82032090 | 1 |
| T3780DF 110  | Sensoplus ESD Side Cutter Full Flush 110mm                                                                 | 5013969973495 | 82032090 | 1 |
| T3781D 115   | Sensoplus ESD Side Cutter Mini Bevel 115mm                                                                 | 5013969973570 | 82032090 | 1 |
| T3781DEF115  | Sensoplus ESD Side Cutter Extra Full Flush 115mm                                                           | 5013969973594 | 82032090 | 1 |
| T3781DF 115  | Sensoplus ESD Side Cutter Full Flush 115mm                                                                 | 5013969973587 | 82032090 | 1 |
| T3782D 115   | Sensoplus ESD Side Cutter Mini Bevel 115mm                                                                 | 5013969982053 | 82032090 | 1 |
| T3782DEF 115 | Sensoplus ESD Side Cutter Extra Full Flush 115mm                                                           | 5013969982077 | 82032090 | 1 |
| T3783D       | Sensoplus ESD Needle Nose Pliers 145mm                                                                     | 5013969982190 | 82032090 | 1 |
| T3786DF 120  | Sensoplus ESD Oblique Cutter Full Flush 120mm                                                              | 5013969973624 | 82032090 | 1 |
| T3787DF 115  | Sensoplus ESD Side Cutter Full Flush 125mm*                                                                | 5013969985870 | 82032090 | 1 |
| T3799DEF 110 | Sensoplus ESD Oblique Cutter Extra Full Flush 120mm                                                        | 5013969982084 | 82032090 | 1 |
| T3799DF 110  | Sensoplus ESD Oblique Cutter Full Flush 110mm                                                              | 5013969973631 | 82032090 | 1 |
| T3871DF 120  | Sensoplus ESD Oblique Cutter Full Flush 120mm                                                              | 5013969973648 | 82032090 | 1 |
| T3880DF 110  | Sensoplus ESD Side Cutter Full Flush 110mm                                                                 | 5013969973532 | 82032090 | 1 |

|                                    |                                                                                                                                                                                                                                                                                                   |             |                 |             |              |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|-------------|--------------|
| Technical product information      | <b>Cutting capacities (mm/AWG)</b>                                                                                                                                                                                                                                                                |             |                 |             |              |
|                                    | <b>Item</b>                                                                                                                                                                                                                                                                                       | <b>Soft</b> | <b>Med/hard</b> | <b>Hard</b> | <b>Piano</b> |
|                                    | T3760DF 110                                                                                                                                                                                                                                                                                       | 2.0/12      |                 | 1.0/18      | 0.6/22       |
|                                    | T3766DEF110                                                                                                                                                                                                                                                                                       | 1.5/15      | 0.8/20          |             |              |
|                                    | T3766DF 110                                                                                                                                                                                                                                                                                       | 1.5/15      | 0.8/20          |             |              |
|                                    | T3773D 115                                                                                                                                                                                                                                                                                        | 1.5/15      | 1.0/18          | 0.4/26      |              |
|                                    | T3773DEF115                                                                                                                                                                                                                                                                                       | 1.5/15      | 0.8/20          |             |              |
|                                    | T3773DF 115                                                                                                                                                                                                                                                                                       | 1.5/15      | 1.0/18          |             |              |
|                                    | T3779D 115                                                                                                                                                                                                                                                                                        | 2.0/12      |                 | 1.0/18      | 0.6/22       |
|                                    | T3780DF 110                                                                                                                                                                                                                                                                                       | 1.5/15      | 0.8/20          |             |              |
|                                    | T3781D 115                                                                                                                                                                                                                                                                                        | 1.5/15      | 1.0/18          | 0.3/28      |              |
|                                    | T3781DEF115                                                                                                                                                                                                                                                                                       | 1.5/15      | 0.8/20          |             |              |
|                                    | T3781DF 115                                                                                                                                                                                                                                                                                       | 1.5/15      | 1.0/18          |             |              |
|                                    | T3782D 115                                                                                                                                                                                                                                                                                        | 1.5/15      | 1.0/18          | 0.4/26      |              |
|                                    | T3782DEF 115                                                                                                                                                                                                                                                                                      | 1.5/15      | 0.8/20          |             |              |
|                                    | T3786DF 120                                                                                                                                                                                                                                                                                       | 0.8/20      | 0.6/22          |             |              |
|                                    | T3787DF 115                                                                                                                                                                                                                                                                                       | 1.8/13      |                 | 0.8/20      | 0.4/26       |
|                                    | T3799DEF 110                                                                                                                                                                                                                                                                                      | 1.0/18      | 0.8/20          |             |              |
|                                    | T3799DF 110                                                                                                                                                                                                                                                                                       | 1.2/16      | 1.0/18          | 0.4/26      |              |
|                                    | T3871DF 120                                                                                                                                                                                                                                                                                       | 0.8/20      | 0.6/22          |             |              |
|                                    | T3880DF 110                                                                                                                                                                                                                                                                                       | 1.5/15      | 0.8/20          |             |              |
|                                    | <b>Wire definitions</b><br>Piano Wire – Hardened spring steel, 2200 to 2300N/mm <sup>2</sup><br>Hard Wire – Spring Steel, Steel nails, 1600 to 1800N/mm <sup>2</sup><br>Medium/Hard Wire – Iron, nails, 750 to 800N/mm <sup>2</sup><br>Soft Wire – Copper, Aluminium, 220 to 250N/mm <sup>2</sup> |             |                 |             |              |
| Standards compliance               | Handle materials electrostatically dissipative to DIN EN 61340 5.1 & 5.2                                                                                                                                                                                                                          |             |                 |             |              |
| User health and safety information | None applicable                                                                                                                                                                                                                                                                                   |             |                 |             |              |
| RoHS/WEEE compliance               | These products do not fall within the scope of RoHS or WEEE regulations                                                                                                                                                                                                                           |             |                 |             |              |
| Material safety data               | None applicable                                                                                                                                                                                                                                                                                   |             |                 |             |              |
| Warranty                           | C.K Sensoplus ESD pliers and cutters are guaranteed for life against imperfect                                                                                                                                                                                                                    |             |                 |             |              |

|                   |                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------|
|                   | materials or workmanship<br>Normal wear and tear or damage caused through inappropriate use is not covered |
| Country of origin | Germany                                                                                                    |

## Dimensional details

|              | Product only |          |           |              | Product on primary packaging |          |           |                |
|--------------|--------------|----------|-----------|--------------|------------------------------|----------|-----------|----------------|
| Item         | Width mm     | Depth mm | Height mm | Net weight g | Width mm                     | Depth mm | Height mm | Gross weight g |
| T3703D       | 150          | 30       | 235       | 615          | -                            | -        | -         | -              |
| T3707DX      | 260          | 205      | 40        | 655          | -                            | -        | -         | -              |
| T3760DF 110  | 75           | 16       | 120       | 52           | 60                           | 25       | 160       | 71             |
| T3766DEF110  | 75           | 6        | 110       | 43           | 60                           | 25       | 160       | 62             |
| T3766DF 110  | 75           | 6        | 110       | 43           | 60                           | 25       | 160       | 62             |
| T3767D 120   | 75           | 10       | 120       | 52           | 60                           | 25       | 205       | 73             |
| T3769D 150   | 75           | 20       | 150       | 83           | 60                           | 25       | 205       | 104            |
| T3770 1D120  | 75           | 7        | 120       | 56           | 60                           | 25       | 205       | 77             |
| T3770D 120   | 75           | 7        | 120       | 56           | 60                           | 25       | 205       | 77             |
| T3771D 120   | 75           | 6        | 135       | 52           | 60                           | 25       | 205       | 73             |
| T3772 1D120  | 75           | 6        | 120       | 52           | 60                           | 25       | 205       | 73             |
| T3772D 120   | 75           | 6        | 120       | 52           | 60                           | 25       | 205       | 73             |
| T3773D 115   | 75           | 8        | 115       | 60           | 60                           | 25       | 160       | 78             |
| T3773DEF115  | 75           | 8        | 115       | 60           | 60                           | 25       | 160       | 78             |
| T3773DF 115  | 75           | 8        | 115       | 60           | 60                           | 25       | 160       | 78             |
| T3777D 150   | 75           | 8        | 150       | 88           | 60                           | 25       | 205       | 107            |
| T3779D 115   | 75           | 12       | 125       | 62           | 60                           | 25       | 160       | 81             |
| T3780DF 110  | 75           | 12       | 110       | 45           | 60                           | 25       | 160       | 64             |
| T3781D 115   | 75           | 8        | 115       | 52           | 60                           | 25       | 160       | 71             |
| T3781DEF115  | 75           | 8        | 115       | 52           | 60                           | 25       | 160       | 71             |
| T3781DF 115  | 75           | 8        | 115       | 52           | 60                           | 25       | 160       | 71             |
| T3782D 115   | 75           | 8        | 115       | 65           | 60                           | 25       | 160       | 84             |
| T3782DEF 115 | 75           | 8        | 115       | 65           | 60                           | 25       | 160       | 84             |
| T3783D       | 75           | 8        | 145       | 74           | 60                           | 25       | 205       | 95             |
| T3786DF 120  | 75           | 7        | 120       | 54           | 60                           | 25       | 205       | 75             |



|              |    |    |     |    |    |    |     |    |
|--------------|----|----|-----|----|----|----|-----|----|
| T3787DF 115  | 75 | 8  | 125 | 54 | 60 | 25 | 160 | 73 |
| T3799DEF 110 | 75 | 12 | 120 | 61 | 60 | 25 | 160 | 80 |
| T3799DF 110  | 75 | 12 | 110 | 61 | 60 | 25 | 160 | 80 |
| T3871DF 120  | 75 | 6  | 120 | 54 | 60 | 25 | 205 | 75 |
| T3880DF 110  | 75 | 6  | 110 | 45 | 60 | 25 | 160 | 64 |

| Item         | Shelf box (secondary packaging) |          |           |                | Euro Pallet data<br>Wi x Hi |                     |
|--------------|---------------------------------|----------|-----------|----------------|-----------------------------|---------------------|
|              | Width mm                        | Depth mm | Height mm | Gross weight g | No of cartons on base       | Number of rows high |
| T3703D       | -                               | -        | -         | -              |                             |                     |
| T3707DX      | -                               | -        | -         | -              |                             |                     |
| T3760DF 110  | -                               | -        | -         | -              |                             |                     |
| T3766DEF110  | -                               | -        | -         | -              |                             |                     |
| T3766DF 110  | -                               | -        | -         | -              |                             |                     |
| T3767D 120   | -                               | -        | -         | -              |                             |                     |
| T3769D 150   | -                               | -        | -         | -              |                             |                     |
| T3770 1D120  | -                               | -        | -         | -              |                             |                     |
| T3770D 120   | -                               | -        | -         | -              |                             |                     |
| T3771D 120   | -                               | -        | -         | -              |                             |                     |
| T3772 1D120  | -                               | -        | -         | -              |                             |                     |
| T3772D 120   | -                               | -        | -         | -              |                             |                     |
| T3773D 115   | -                               | -        | -         | -              |                             |                     |
| T3773DEF115  | -                               | -        | -         | -              |                             |                     |
| T3773DF 115  | -                               | -        | -         | -              |                             |                     |
| T3777D 150   | -                               | -        | -         | -              |                             |                     |
| T3779D 115   | -                               | -        | -         | -              |                             |                     |
| T3780DF 110  | -                               | -        | -         | -              |                             |                     |
| T3781D 115   | -                               | -        | -         | -              |                             |                     |
| T3781DEF115  | -                               | -        | -         | -              |                             |                     |
| T3781DF 115  | -                               | -        | -         | -              |                             |                     |
| T3782D 115   | -                               | -        | -         | -              |                             |                     |
| T3782DEF 115 | -                               | -        | -         | -              |                             |                     |
| T3783D       | -                               | -        | -         | -              |                             |                     |

|              |   |   |   |   |  |  |
|--------------|---|---|---|---|--|--|
| T3786DF 120  | - | - | - | - |  |  |
| T3787DF 115  | - | - | - | - |  |  |
| T3799DEF 110 | - | - | - | - |  |  |
| T3799DF 110  | - | - | - | - |  |  |
| T3871DF 120  | - | - | - | - |  |  |
| T3880DF 110  | - | - | - | - |  |  |

## Packaging waste details

|              | Primary Packaging |     |        |     | Secondary packaging |     |        |     |
|--------------|-------------------|-----|--------|-----|---------------------|-----|--------|-----|
| Item         | Plastic g         | Use | Card g | Use | Plastic g           | Use | Card g | Use |
| T3703D       | 8                 | Bag | -      | -   | -                   | -   | -      | -   |
| T3707DX      | -                 | -   | 108    | Box | -                   | -   | -      | -   |
| T3760DF 110  | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3766DEF110  | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3766DF 110  | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3767D 120   | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |
| T3769D 150   | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |
| T3770 1D120  | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |
| T3770D 120   | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |
| T3771D 120   | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |
| T3772 1D120  | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |
| T3772D 120   | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |
| T3773D 115   | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3773DEF115  | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3773DF 115  | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3777D 150   | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |
| T3779D 115   | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3780DF 110  | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3781D 115   | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3781DEF115  | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3781DF 115  | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3782D 115   | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3782DEF 115 | 1                 | Bag | 18     | Box | -                   | -   | -      | -   |
| T3783D       | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |
| T3786DF 120  | 1                 | Bag | 20     | Box | -                   | -   | -      | -   |

|                 |   |     |    |     |   |   |   |   |
|-----------------|---|-----|----|-----|---|---|---|---|
| T3787DF 115     | 1 | Bag | 18 | Box | - | - | - | - |
| T3799DEF<br>110 | 1 | Bag | 18 | Box | - | - | - | - |
| T3799DF 110     | 1 | Bag | 18 | Box | - | - | - | - |
| T3871DF 120     | 1 | Bag | 20 | Box | - | - | - | - |
| T3880DF 110     | 1 | Bag | 18 | Box | - | - | - | - |