PRODUCT SPECIFICATION

Carl Kammerling International

Brand	C.K
Product Range	Precision Electronic Pliers
Catalogue number	3703, 3767, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3775, 3776, 3777, 3778, 3779, 3780, 3781, 3783, 3786, 3789, 3796, 3799, 3880
Date	25/06/2010

Range Description

A range of professional quality Electronic pliers and cutters

Features

- Hot drop forged high alloy carbon and chrome vanadium steel for maximum strength
- Precision box joint for smooth and accurate action, longer product life. No adjustments necessary for the life of the pliers. (Models T3744 and T3796 5 are manufactured with a laid in joint)
- Induction hardened blades for a long life
- Mirror polished surface removes the risk of damage through flaking chrome
- Spot welded double leaf springs removes the need for adjustment or replacement

precision

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Item Number	Item Description	EAN No	Commodity code	Carton Qty
T3703	Precision 6 piece pliers set containing T3799F, T3772, T3770, T3780F, T3767, T3773	5013969490909	82060000	1
T3767	Precision Snipenose Pliers 120mm	5013969499407	82032090	1
T3769	Precision Snipenose Pliers 150mm	5013969499605	82032090	1
T3770	Precision Flatnose Pliers 120mm	5013969499803	82032090	1
T3771	Precision Roundnose Pliers 120mm	5013969499902	82032090	1

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T3772	Precision Snipenose Pliers 120mm	5013969500004	82032090	1
T3772 1	Precision Snipenose Pliers 120mm	5013969500103	82032090	1
T3773	Precision Side Cutter Mini Bevel 115mm	5013969500202	82032090	1
T3773EF	Precision Side Cutter Extra Full Flush 115mm	5013969686302	82032090	1
T3773F	Precision Side Cutter Full Flush 115mm	5013969686203	82032090	1
T3774	Precision Side Cutter Mini Bevel 120mm	5013969500301	82032090	1
T3775	Precision Side Cutter Mini Bevel 135mm	5013969500400	82032090	1
T3775EF	Precision Side Cutter Extra Full Flush 135mm	5013969686906	82032090	1
T3776EF 5	Precision Top Cutter Extra Full Flush 130mm	5013969748505	82032090	1
T3776F	Precision Top Cutter Full Flush 115mm	5013969687002	82032090	1
T3777	Precision Snipenose Pliers 145mm	5013969500608	82032090	1
T3778F	Precision Oblique Cutter Full Flush 120mm	5013969687101	82032090	1
T3779	Precision Side Cutter Mini Bevel 115mm	5013969500905	82032090	1
T3780EF	Precision Side Cutter Extra Full Flush 110mm	5013969687408	82032090	1
T3780F	Precision Side Cutter Full Flush 110mm	5013969687309	82032090	1
T3781	Precision Side Cutter Mini Bevel 115mm	5013969501100	82032090	1
T3783	Precision Needle Pliers 145mm	5013969501308	82032090	1
T3786F 4	Precision Oblique Cutter Full Flush 120mm	5013969688900	82032090	1
T3789	Precision Assembly Pliers 145mm	5013969502206	82032090	1
T3796 5	Precision Wire Stripping Pliers 140mm	5013969703788	82032090	1
T3799F	Precision Oblique Cutter Full Flush 110mm	5013969690101	82032090	1
T3880F	Precision Side Cutter Full Flush 110mm	5013969932102	82032090	1

Technical product information

Cutting capacities (mm/AWG)

Item	Soft	Med/Hard	Hard	Piano
T3773	1.5/15	1.0/18	0.4/26	
T3773EF	1.5/15	0.8/20		
T3773F	1.5/15	1.0/18		
T3774	1.5/15	1.0/18	0.4/26	
T3775	2.0/12	1.5/15	0.7/21	
T3775EF	2.0/12	1.3/18		
T3776EF 5	2.0/12	1.6/14		
T3776F	1.6/14	1.2/16	0.5/24	
T3778F	1.6/14	1.2/16	0.5/24	
T3779	2.0/12		1.0/18	0.6/22
T3780EF	1.5/15	0.6/22		
T3780F	1.5/15	0.8/20		
T3781	1.5/15	1.0/18	0.3/28	
T3786F 4	0.8/20	0.6/22		
T3880F	1.5/15	0.8/20		

Wire definitions

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	Piano Wire – Hardened spring steel, 2200 to 2300N/mm^2 Hard Wire – Spring Steel, Steel nails, 1600 to 1800N/mm^2 Medium/Hard Wire – Iron, nails, 750 to 800N/mm^2 Soft Wire – Copper, Aluminium, 220 to 250N/mm^2
Standards compliance	None applicable
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 Precision pliers and cutters are guaranteed for life against imperfect materials or workmanship 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
T3703	150	30	235	520	-	-	-	-
T3767	73	20	120	52	60	25	160	70
T3769	73	20	150	83	60	25	205	103
T3770	73	7	120	51	60	25	160	69
T3771	73	6	120	52	60	25	160	70
T3772	73	7	120	52	60	25	160	70
T3772 1	73	7	120	52	60	25	160	70
T3773	73	8	115	60	60	25	160	78
T3773EF	73	8	115	60	60	25	160	78
T3773F	73	8	115	60	60	25	160	78
T3774	73	7	120	52	60	25	160	70
T3775	73	9	135	100	60	25	205	120
T3775EF	73	9	135	100	60	25	205	120
T3776EF 5	73	15	130	64	60	25	205	84
T3776F	73	15	115	64	60	25	160	82
T3777	73	8	145	83	60	25	205	103

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T3778F	73	18	120	67	60	25	160	85
T3779	73	8	115	52	60	25	160	70
T3780EF	73	6	110	45	60	25	160	63
T3780F	73	6	110	45	60	25	160	63
T3781	73	8	115	52	60	25	160	70
T3783	73	8	145	69	60	25	205	89
T3786F 4	73	7	120	54	60	25	160	72
T3789	73	8	145	77	60	25	205	97
T3796 5	73	7	140	90	60	25	205	110
T3799F	73	12	110	51	60	25	160	69
T3880F	73	6	110	45	60	25	160	63

	Shelf box (secondary packaging)				**Euro Pallet data Wi x Hi**	
Item	**Width mm**	**Depth mm**	**Height mm**	**Gross weight g**	**No of cartons on base**	**Number of rows high**
T3703	-	-	-	-		
T3767	-	-	-	-		
T3769	-	-	-	-		
T3770	-	-	-	-		
T3771	-	-	-	-		
T3772	-	-	-	-		
T3772 1	-	-	-	-		
T3773	-	-	-	-		
T3773EF	-	-	-	-		
T3773F	-	-	-	-		
T3774	-	-	-	-		
T3775	-	-	-	-		
T3775EF	-	-	-	-		
T3776EF 5	-	-	-	-		
T3776F	-	-	-	-		
T3777	-	-	-	-		
T3778F	-	-	-	-		
T3779	-	-	-	-		
T3780EF	-	-	-	-		
T3780F	-	-	-	-		

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T3781	-	-	-	-		
T3783	-	-	-	-		
T3786F 4	-	-	-	-		
T3789	-	-	-	-		
T3796 5	-	-	-	-		
T3799F	-	-	-	-		
T3880F	-	-	-	-		

Packaging waste details

	Primary Packaging				Secondary packaging			
Item	Plastic g	Use	Card g	Use	Plastic g	Use	Card g	Use
T3703	2	Bag			-	-	-	-
T3767	1	Bag	18	Box	-	-	-	-
T3769	1	Bag	20	Box	-	-	-	-
T3770	1	Bag	18	Box	-	-	-	-
T3771	1	Bag	18	Box	-	-	-	-
T3772	1	Bag	18	Box	-	-	-	-
T3772 1	1	Bag	18	Box	-	-	-	-
T3773	1	Bag	18	Box	-	-	-	-
T3773EF	1	Bag	18	Box	-	-	-	-
T3773F	1	Bag	18	Box	-	-	-	-
T3774	1	Bag	18	Box	-	-	-	-
T3775	1	Bag	20	Box	-	-	-	-
T3775EF	1	Bag	20	Box	-	-	-	-
T3776EF 5	1	Bag	20	Box	-	-	-	-
T3776F	1	Bag	18	Box	-	-	-	-
T3777	1	Bag	20	Box	-	-	-	-
T3778F	1	Bag	18	Box	-	-	-	-
T3779	1	Bag	18	Box	-	-	-	-
T3780EF	1	Bag	18	Box	-	-	-	-
T3780F	1	Bag	18	Box	-	-	-	-
T3781	1	Bag	18	Box	-	-	-	-
T3783	1	Bag	20	Box	-	-	-	-
T3786F 4	1	Bag	18	Box	-	-	-	-
T3789	1	Bag	20	Box	-	-	-	-

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T3796 5	1	Bag	20	Box	-	-	-	-
T3799F	1	Bag	18	Box	-	-	-	-
T3880F	1	Bag	18	Box	-	-	-	-

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