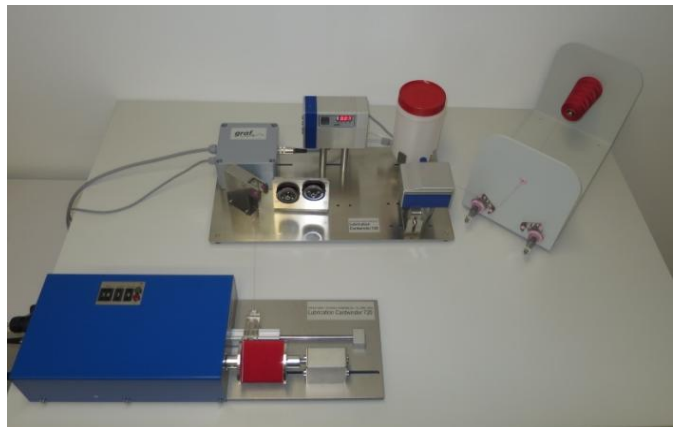
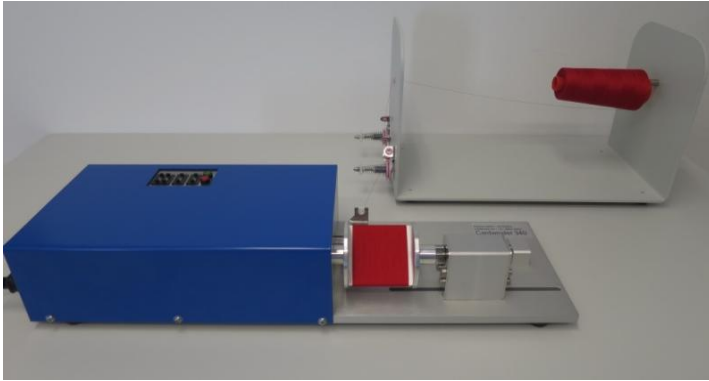




SPARE PART LIST



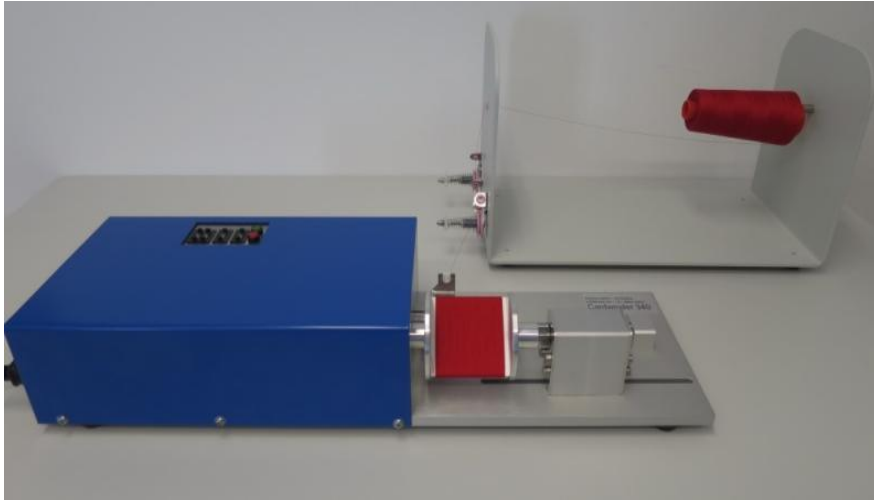
Cardwinder 340




Lubrication Cardwinder 720

Graf & Co GmbH – Technologie Service –
Phone: +49 (0) 8041 79285-16
frank.engelbrecht@graf-chemie.com




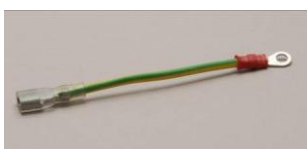


Im Farchet 4 – 83646 Bad Tölz – Germany
Fax: +49 (0) 8041 79285-25
www.graf-chemie.com

Spare part list Cardwinder 340 / Lubrications Cardwinder 720



Pictures	Description	Article number	FCA price/pc. EURO
<p>1</p> 	<p>Abdeckung KÄWI 0190 <i>Cover KÄWI 0190</i></p>	<p>T4-0591</p>	<p>120,00</p>
<p>2</p> 	<p>Aufbaubuchse LUWI <i>Main supply plug LUWI</i></p>	<p>T5-0269</p>	<p>62,00</p>
<p>3</p> 	<p>Taktbuchse LUWI <i>Pulse plug LUWI</i></p>	<p>T5-0268</p>	<p>47,00</p>

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
<p>4</p> 	<p>Gleichstrommotor-Sicherung mit Kabel <i>DC-motor-fuse with cable</i></p>	T5-0251	58,00
<p>5</p> 	<p>Netzanschlußkombination <i>Power supply combination</i></p>	T2-0699	34,00
<p>6</p> 	<p>Sicherung 250V~ / 2,0A T <i>Fuse 250V~ / 2,0A T</i></p>	T2-0822	1,00
<p>7</p> 	<p>Netzfilter-Erdungskabel KÄWI 0190 <i>Power supply earth cable KÄWI 0190</i></p>	T5-0308	6,00
<p>8</p> 	<p>Netzfilter-Kabelsatz KÄWI 0190 <i>Power supply cable set KÄWI 0190</i></p>	T5-0307	27,00
<p>9</p> 	<p>Distanzhülse d5,5x15mm <i>Distance sleeve d5,5x15mm</i></p>	T2-1456	1,00





Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
	Verbindungskabel Gleichstrommotor KÄWI <i>Connecting cable DC motor KÄWI</i>	T5-0246	32,00
	Gleichstrommotor KÄWI Alcatel <i>DC motor KÄWI Alcatel</i>	T5-0566	391,00
	Adapterplatte Gleichstrommotor KÄWI Alcatel <i>Adaptor plate DC motor KÄWI Alcatel</i>	T4-1119	32,00
	Federleiste 3pol Wago 231 <i>Multipole connector 3pol. Wago 231</i>	T2-0858	3,00
	Drehzahldetektor KÄWI 0190 <i>Speed detector KÄWI 0190</i>	T5-0303	45,00
	Platine KWIPG1A Drehzahldetektor KÄWI <i>Plate KWIPG1A Speed detector KÄWI</i>	T5-0218	24,00


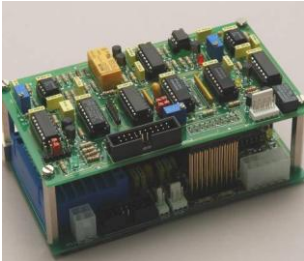

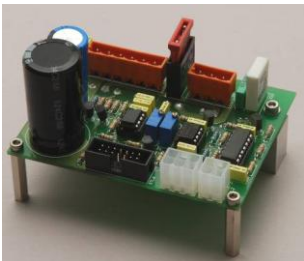

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
	Kabel Drehzahldetektor KÄWI <i>Cable speed detector KÄWI</i>	T5-0248	17,00
	Schrittmotor KÄWI Größe 42 <i>Stepper motor KÄWI size 42</i>	T5-0567	189,00
	Adapterplatte Schrittmotor KÄWI Größe 42 <i>Adaptor plate stepper motor KÄWI size 42</i>	T4-1006	6,00
	Zahnriemenrad Schrittmotor <i>Toothed belt wheel for stepper motor</i> (d 6,35 mm) d 5,0 mm	T4-0115 T4-1202	28,00 28,00
	Schraube ISO 7379 8M6x20 <i>Screw ISO 7379 8M6x20</i>	T1-1171	4,00


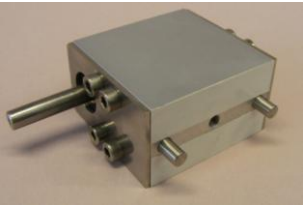



Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
	INA-Nadelhülse <i>INA needle ball bearing</i> HK 0808 HK 0810	T1-1204 T1-1205	5,00 5,00
	Paßscheibe DIN 988 <i>Adjusting washer DIN988</i> 8x14x0,2mm 8x14x1,0mm	T1-1202 T1-1203	1,00 1,00
	Zahnriemen Profil M3, 318mm, b9mm <i>Tooth belt M3, 318mm, b9mm</i>	T1-1194	11,00
	Endschalter mit Kabel KÄWI 0190 <i>End switch with cable KÄWI 0190</i>	T5-0304	47,00
	Miniaturkugellager L1040 <i>Miniature ball bearing L1040</i>	T1-1200	9,00
	Traverse 270 <i>Cross bar 270</i> Traverse 470 <i>Cross bar 470</i>	T4-0582 T4-0594	48,00 50,00

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
	<p>Linearkugellager INA KH08-24</p> <p><i>Linear ball bearing INA KH08-24</i></p>	T1-1322	16,00
	<p>Steuerelektronik KWOP/UP4A, eingestellt für Bosch oder Alcatel-Motor</p> <p><i>Control electronic KWOP/UP4A, adjustet for Bosch or Alcatel-motor, please tell us, which one you need</i></p>	T5-0115	756,00
	<p>Flachkabel Motorsteuerung KÄWI</p> <p><i>Flat cable engine control KÄWI</i></p>	T5-0247	9,00
	<p>Platine KWIMP3A Motorsteuerung, eingestellt für Bosch oder Alcatel-Motor</p> <p><i>Plate KWIMP3A engine control, adjustet for Bosch or Alcatel-motor, please tell us, which one you need</i></p>	T5-0217	299,00
	<p>Eingabepanel KÄWI 0190</p> <p><i>Input panel KÄWI 0190</i></p>	T5-0249	252,00

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
	Ringkerntrafo KÄWI 0190 <i>Ring core transformer KÄWI 0190</i>	T5-0310	101,00
	Schraube DIN 931 M5x80 <i>Screw DIN 931 M5x80</i>	T1-1499	1,00
	Lagerbock KÄWI 0190 <i>Pillow block KÄWI 0190</i>	T5-0311	131,00
	Lagerbock KÄWI Gehäuse <i>Pillow block KÄWI Housing</i>	T4-0577	89,00
	Kunststoffscheibe mit Ansatz d8,2 D15 H3,5 <i>Plastic ring with socket d8,2 D15 H3,5</i>	T2-1452	1,00
	Welle gefedert KÄWI <i>Shaft spring mounted KÄWI</i>	T4-0578	50,00

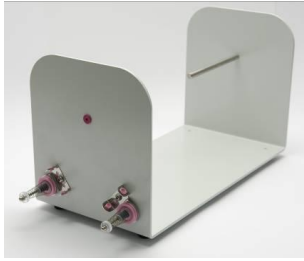




Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
	Stellring DIN705A d8mm <i>Fixing collar DIN705A d8mm</i>	T1-0699	6,00
	Rillenkugellager 608.2RS d8 D22 l7mm <i>Grooved ball bearing 608.2RS d8 D22 l7mm</i>	T1-1190	9,00
	Druckfeder D-120 <i>Pressure spring D-120</i>	T1-1192	7,00
	Keramikhalter KÄWI 0190 <i>Thread guide KÄWI 0190</i>	T5-0313	86,00
	Fadenführer Keramik 12x10, d1,5mm <i>Thread guide ceramic 12x10, d1,5mm</i>	T1-1195	13,00
	Keramik "U" d1,1mm <i>Ceramic "U" d1,1mm</i>	T1-0494	5,00

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
44	 <p>Oberplatte für Keramikträger <i>Upper plate for thread guide</i></p>	T4-0270	5,00
45	 <p>Gewindeplatte für Keramikträger <i>Thread plate for thread guide</i></p>	T4-0723	5,00
46	 <p>Schraube DIN 7991 M4x10 <i>Screw DIN 7991 M4x10</i></p>	T1-0623	1,00
47	 <p>Gerätefuß Gummi D25 <i>Rubber foot D25</i></p>	T2-0191	1,00
48	 <p>Schutzkappe CA00SD3 <i>Cover cap CA00SD3</i></p>	T2-1763	7,00
49	 <p>Kupplungspaar KÄWI <i>Coupling set KÄWI</i></p>		263,00





Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
	<p>Spulenhalter mit Garnbremse für eine Spule</p> <p><i>Fixing device with yarnbrake for one spool</i></p>	T5-0116	185,00
	<p>Spulenstab Garnständer, Maße:</p> <p><i>Bobbin holder for fixing device, size:</i></p>	T4-0442	9,00
	<p>Fadenbremse KÄWI</p> <p><i>Yarn tension controller KÄWI</i></p>	T1-1149	25,00
	<p>Keramik geschlossen, Maße: D 12,8, H 6, d 3,3mm</p> <p><i>Ceramic closed, size: D 12,8, H 6, d3,3mm</i></p>	T1-0497	5,00
	<p>Netz-Verbindungskabel LUWI SL1</p> <p><i>Power-connecting cable LUWI SL1</i></p>	T5-0289	37,00
	<p>Takt-Verbindungskabel LUWI SL1</p> <p><i>Pulse-connecting cable LUWI SL1</i></p>	T5-0288	25,00

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
	<p>Federhalter Applikationsaufbau LUWI</p> <p><i>Yarn plucking damper LUWI</i></p>	T5-0491	85,00
	<p>Rollenträger Applikationsaufbau LUWI</p> <p><i>Speed compensation Wheels LUWI</i></p>	T5-0490	130,00
	<p>Rolle PCBR 10 C</p> <p>Reel PCBR 10 C</p>	T1-0979	47,00
	<p>Applikatorträger horizontal LUWI</p> <p>Applikatorträger vertikal LUWI</p>	T4-0466	9,00
	<p>Produktvorlage-Flasche 1l rund, Maße: D95 x H170mm</p> <p><i>Storage cup 1l round size: D95 x H170mm</i></p> <p>6mm-Schlauch / -hose</p>	T5-0561	14,00

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
61 	Becherhalter D95mm <i>Cupholder D95mm</i>	T4-0643	23,00
62 	Haltestab Becherhalter Supporting bar cupholder	T4-1204	7,00
63 	Haltestab Dosiereinheit LUWI (2 St. mit Schrauben) Supporting bar dosing unit LUWI (2 pcs. incl. screws)	T4-1203	23,00
64 	Kärtchen KÄWI <i>Cards KÄWI customer</i>		Preis auf Anfrage <i>Price on request</i>