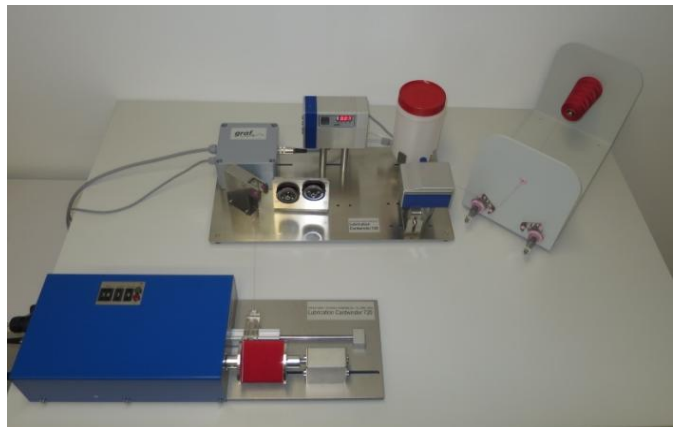
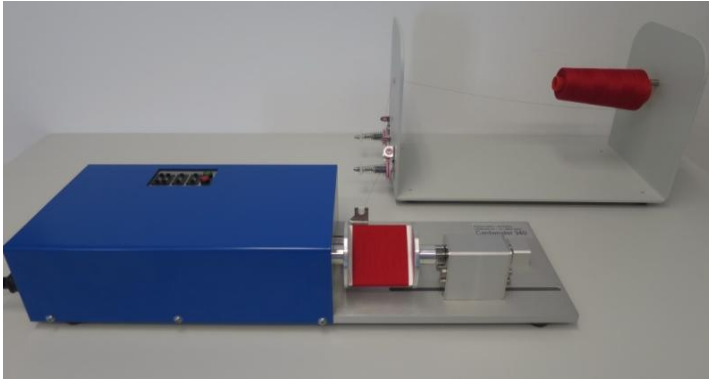




SPARE PART LIST



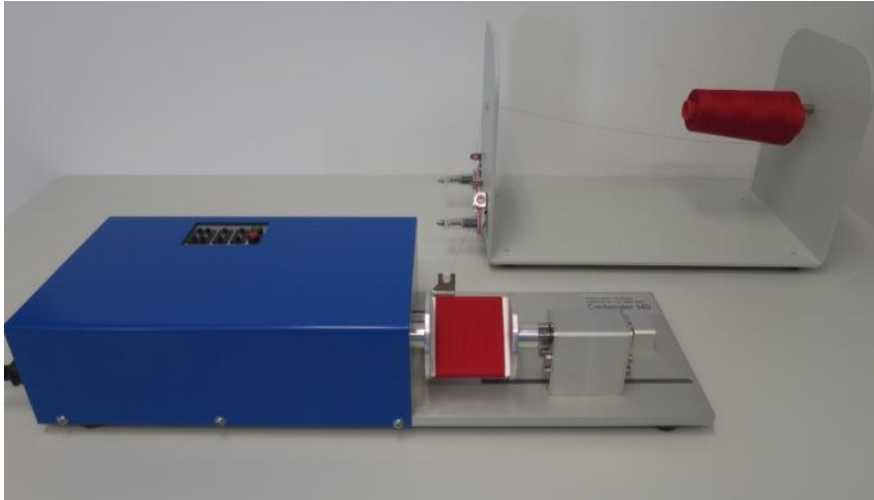
Cardwinder 340




Lubrication Cardwinder 720

Graf Chemicals GmbH
Prof.-Max-Lange-Platz 4
83646 Bad Tölz – Germany




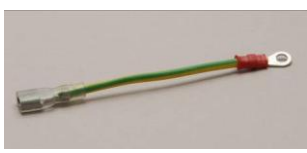


Phone: +49 (0) 8041 79285-16
frank.engelbrecht@graf-chemicals.com
www.graf-chemicals.com

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>137,00</p>
<p>2</p> 	<p>Aufbaubuchse LUWI <i>Main supply plug LUWI</i></p>	<p>T5-0269</p>	<p>65,80</p>
<p>3</p> 	<p>Taktbuchse LUWI <i>Pulse plug LUWI</i></p>	<p>T5-0268</p>	<p>49,00</p>


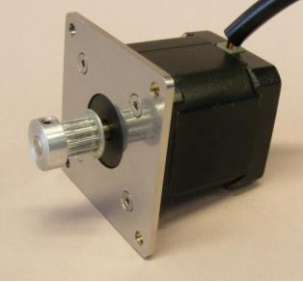
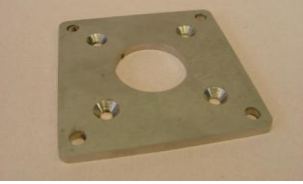


Spare part list Cardwinder 340 / Lubrications Cardwinder 720

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	63,00
<p>5</p> 	<p>Netzanschlusskombination (AC Filter) <i>Power supply combination (AC Filter)</i></p>	T2-0699	36,00
<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	28,00
<p>9</p> 	<p>Distanzhülse d5,5x15mm <i>Distance sleeve d5,5x15mm</i></p>	T2-1456	1,50






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	34,00
	Gleichstrommotor KÄWI Alcatel <i>DC motor KÄWI Alcatel</i>	T5-0566	420,00
	Adapterplatte Gleichstrommotor KÄWI Alcatel <i>Adaptor plate DC motor KÄWI Alcatel</i>	T4-1119	35,00
	Federleiste 3pol Wago 231 <i>Multipole connector 3pol. Wago 231</i>	T2-0858	4,00
	Drehzahldetektor KÄWI 0190 <i>Speed detector KÄWI 0190</i>	T5-0303	49,00
	Platine KWIPG1A Drehzahldetektor KÄWI <i>Plate KWIPG1A Speed detector KÄWI</i>	T5-0218	26,00


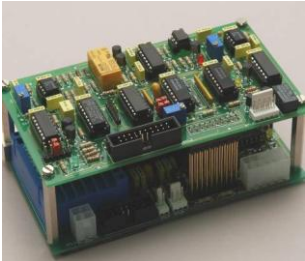

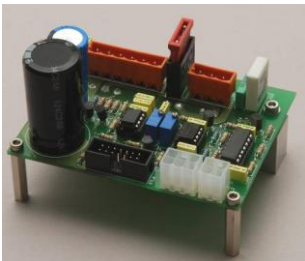

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
16 	Kabel Drehzahldetektor KÄWI <i>Cable speed detector KÄWI</i>	T5-0248	17,00
17 	Schrittmotor KÄWI Größe 42 <i>Stepper motor KÄWI size 42</i>	T5-0567	205,00
18 	Adapterplatte Schrittmotor KÄWI Größe 42 <i>Adaptor plate stepper motor KÄWI size 42</i>	T4-1006	9,00
19 	Zahnriemenrad Schrittmotor d 5,0 mm <i>Toothed belt wheel for stepper motor d 5,0 mm</i>	T4-1202	33,00
20 	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
21	 <p>INA-Nadelhülse HK 0810 <i>INA needle ball bearing HK 0810</i></p>	T1-1205	5,00
22	 <p>Paßscheibe DIN 988 <i>Adjusting washer DIN988</i> 8x14x0,2mm 8x14x1,0mm</p>	T1-1202 T1-1203	1,00 1,00
23	 <p>Zahnriemen Profil M3, 318mm, b9mm <i>Tooth belt M3, 318mm, b9mm</i></p>	T1-1194	14,00
24	 <p>Endschalter mit Kabel KÄWI 0190 <i>End switch with cable KÄWI 0190</i></p>	T5-0304	51,00
25	 <p>Miniaturkugellager L1040 <i>Miniature ball bearing L1040</i></p>	T1-1200	9,00
26	 <p>Traverse 270 <i>Cross bar 270</i></p>	T4-0582	51,00


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	790,00
	<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	320,00
	<p>Eingabepanel KÄWI 0190</p> <p><i>Input panel KÄWI 0190</i></p>	T5-0249	270,00

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
32 	Ringkerntrafo KÄWI 0190 <i>Ring core transformer KÄWI 0190</i>	T5-0310	110,00
33 	Schraube DIN 931 M5x80 <i>Screw DIN 931 M5x80</i>	T1-1499	1,00
34 	Lagerbock KÄWI 0190 <i>Pillow block KÄWI 0190</i>	T5-0311	140,00
35 	Lagerbock KÄWI Gehäuse <i>Pillow block KÄWI Housing</i>	T4-0577	89,00
36 	Kunststoffscheibe mit Ansatz d8,2 D15 H3,5 <i>Plastic ring with socket d8,2 D15 H3,5</i>	T2-1452	1,00
37 	Welle gefedert KÄWI <i>Shaft spring mounted KÄWI</i>	T4-0578	54,00





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	89,00
	Fadenführer Keramik 12x10, d1,5mm <i>Thread guide ceramic 12x10, d1,5mm</i>	T1-1195	14,00
	Keramik "U" d1,1mm <i>Ceramic "U" d1,1mm</i>	T1-0494	6,00

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
<p>44</p> 	<p>Oberplatte für Keramikträger <i>Upper plate for thread guide</i></p>	T4-0270	5,00
<p>45</p> 	<p>Gewindeplatte für Keramikträger <i>Thread plate for thread guide</i></p>	T4-0723	5,00
<p>46</p> 	<p>Schraube DIN 7991 M4x10 <i>Screw DIN 7991 M4x10</i></p>	T1-1995	1,00
<p>47</p> 	<p>Gerätefuß Gummi D25 <i>Rubber foot D25</i></p>	T2-0191	1,00
<p>48</p> 	<p>Schutzkappe CA00SD3 <i>Cover cap CA00SD3</i></p>	T2-1763	8,00
<p>49</p> 	<p>Kupplungspaar 64/1,5 KÄWI <i>Coupling set 64/1,5 KÄWI</i></p>	T5-0267	280,00




Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
<p>50</p> 	<p>Spulenhalter mit Garnbremse für eine Spule</p> <p><i>Fixing device with yarnbrake for one spool</i></p>	T5-0116	207,00
<p>51</p> 	<p>Spulenstab Garnständer</p> <p><i>Bobbin holder for fixing device</i></p>	T4-1256	9,00
<p>52</p> 	<p>Fadenbremse KÄWI</p> <p><i>Yarn tension controller KÄWI</i></p>	T1-1149	28,00
<p>53</p> 	<p>Keramik geschlossen, Maße: <u>Bis 2021:</u> D 12,8, H 6, d 3,3mm <u>Ab 2021:</u> D 13,9, H 7,24, d 4,3mm</p> <p><i>Ceramic closed, size: until 2021: D 12,8, H 6, d3,3mm from 2021: D 13,9, H 7,24, d 4,3mm</i></p>	<p>Until 2021: T1-0497</p> <p>From 2021: T1-1996</p>	<p>5,00</p> <p>5,00</p>



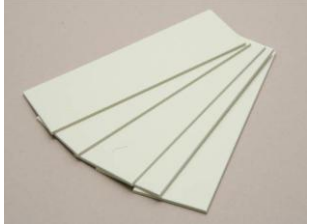
Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
54 	Netz-Verbindungskabel LUWI SL1 <i>Power-connecting cable LUWI SL1</i>	T5-0289	39,00
55 	Takt-Verbindungskabel LUWI SL1 <i>Pulse-connecting cable LUWI SL1</i>	T5-0288	27,00
56 	Federhalter Applikationsaufbau LUWI <i>Yarn plucking damper LUWI</i>	T5-0491	95,00
57 	Rollenträger Applikationsaufbau LUWI <i>Speed compensation Wheels LUWI</i>	T5-0490	143,00

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
58 	Rolle PCBR 10 C Reel PCBR 10 C	T1-0979	49,00
59 	Applikatorträger horizontal LUWI <i>Applicator holder horizontal LUWI</i> Applikatorträger vertikal LUWI <i>Applicaor holder vertical LUWI</i>	T4-0466 T4-1125	10,00 10,00
60 	Produktvorlage-Flasche 1l rund, Maße: D95 x H170mm <i>Storage cup 1l round size: D95 x H170mm</i> 6mm-Schlauch / -hose	T5-0561	14,00
61 	Becherhalter D95mm <i>Cupholder D95mm</i>	T4-0643	26,00

Spare part list Cardwinder 340 / Lubrications Cardwinder 720

Pictures	Description	Article number	FCA price/pc. EURO
62	 <p data-bbox="462 551 829 665">Haltestab Becherhalter Supporting bar cupholder</p>	T4-1204	7,00
63	 <p data-bbox="462 731 829 944">Haltestab Dosiereinheit LUWI (2 St. mit Schrauben) Supporting bar dosing unit LUWI (2 pcs. incl. screws)</p>	T4-1203	25,00
64	 <p data-bbox="462 1027 829 1120">Kärtchen KÄWI <i>Cards KÄWI customer</i></p>		Preis auf Anfrage <i>Price on request</i>