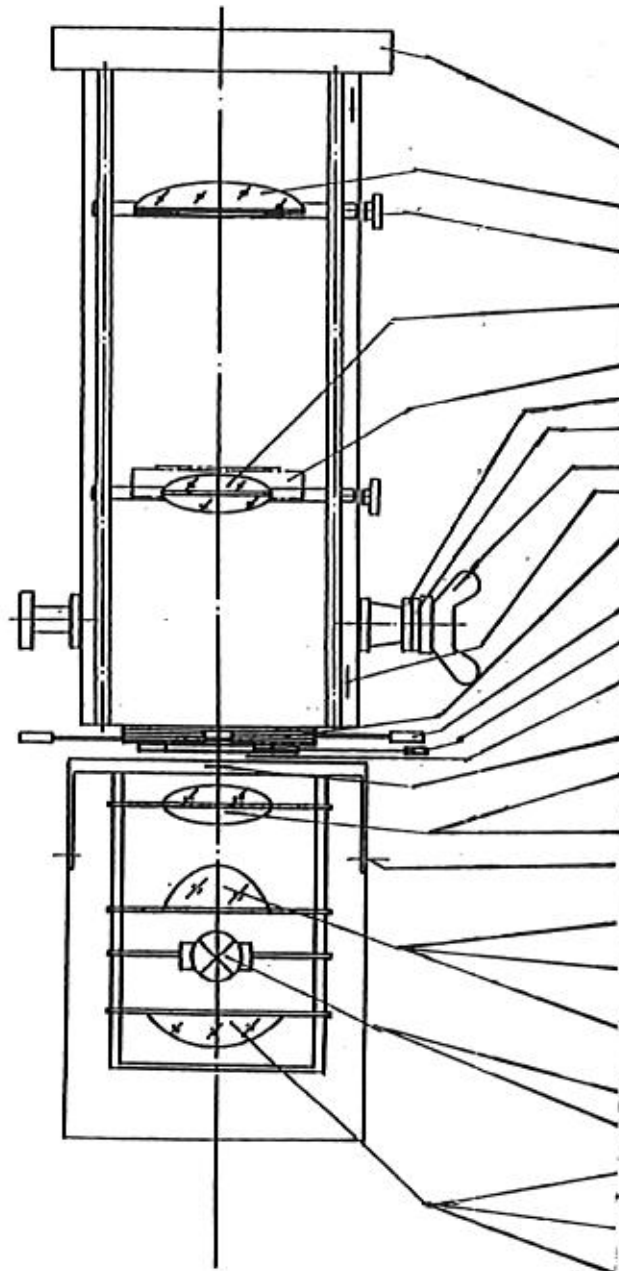
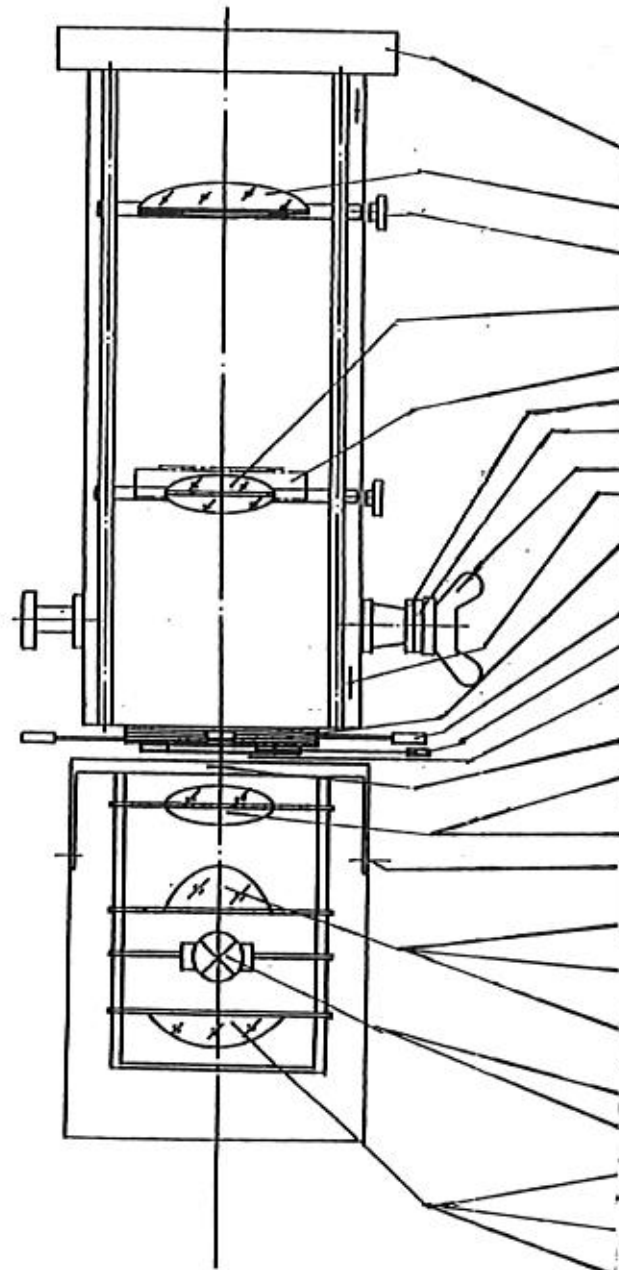


Emil Niethammer HPZ 112 Sparepart Overview



Productionyear --> (Series)	1988/89 A	1990/91 BI	1991/92 BII	1992 C(ab Okt)	1993 CI(ab April)
Benennung/EDV Nr.					
Cassette for filterframe	N92-255	N92-255	N92-255	N92-255	N92-255
Frontlens (160mm)	N72-158 (160mm)	N72-158 (160mm)	N72-158 (160mm)	N72-158 (160mm)	N72-158 (160mm)
Starknob	N70-459	N70-459	N70-459	N70-459	N70-459
Focuslens (85mm)	N72-132 (85mm)	N72-132 (85mm)	N82-735 (120mm)	N82-735 (120mm)	N82-735 (120mm)
Frost incl. holder (opt.)				N99-821	N99-821
Holder for yoke II right side part for holder (brake)			N92-106	N92-106	N92-106
Wingnut			N92-181	N92-181	N92-181
Bayonet catch (Tubecover)			N70-318	N70-318	N70-318
Beam shaping unit (alt 92-247)	N115-440 (alt 92-247)	N115-440 (alt 92-247)	N115-440 (alt 92-247)	N115-440 (alt 92-247)	N115-440 (alt 92-247)
Handle for beam shaping	N32-144	N32-144	N32-144	N32-144	N32-144
Iris	N92-131	N92-131	N92-131	N92-131	N92-131
Goboholder (opt.) (alt 25-701)	N215-910 (alt 25-701)	N215-910 (alt 25-701)	N215-910 (alt 25-701)	N215-910 (alt 25-701)	N215-910 (alt 25-701)
Knurled-head screw	N70-326	N70-326	N70-326	N70-326	N70-326
Intermediate lens (Lamphouse) (85mm)	N72-140 (85mm)	N82-727 (100mm)	N82-727 (100mm)	N82-727 (100mm)	N27-418 (100mm)
Lensholder		N92-726	N92-726	N92-726	N92-726
Linsenflanschkopfschr.	N70-540	N70-540	N70-540	N70-540	N70-540
Condensorlens (59 alt N13-631)	N70-756 (59 alt N13-631)	N70-756 (59mm)	N70-756 (59mm)	N130-706 (68 alt N27-202)	N130-706 (68 alt N27-202)
Holder for condensor- lens +N73-297	N73-289 +N73-297	N73-289 +N73-297	N73-289 +N73-297	N73-346 +N84-799	N73-346 +N84-799
Lensholder only for holder	N92-718 (only holder)	N92-718 (only holder)	N92-718 (only holder)	N92-718 (only holder)	N92-718 (only holder)
Lampholder GX9,5	N16-164	N16-164	N107-418	N107-418	N107-418
Mirror (60mm)	N27-260 (60mm)	N27-260 (60mm)	N27-260 (60mm)	N27-260 (60mm)	N114-033 (68mm)
Lensholder / Mirrorholder		N92-726	N92-726	N92-726	N92-726
Threepoint holder for mirror +N87-933	N87-925 +N87-933	N87-925 +N87-933	N87-925 +N87-933	N87-925 +N87-933	N84-799 (2x)

Emil Niethammer HPZ 115 Sparepart Overview



Productionyear --> (Series)	1988/89 A	1990/91 BI	1991/92 BII	1992 C(ab Okt)	1993 CI(ab April)
Benennung/EDV Nr.					
Cassette for filterframe	N92-255	N92-255	N92-255	N92-255	N92-255
Frontlens (160mm)	N81-133 (160mm)	N81-133 (160mm)	N81-133 (160mm)	N81-133 (160mm)	N81-133 (160mm)
Starknob	N70-459	N70-459	N70-459	N70-459	N70-459
Focuslens (85mm)	N72-116 (85mm)	N72-116 (85mm)	N82-743 (120mm)	N82-743 (120mm)	N82-743 (120mm)
Frost incl. holder (opt.)				N99-821	N99-821
Holder for yoke II right side			N92-106	N92-106	N92-106
part for holder (brake)			N92-181	N92-181	N92-181
Wingnut			N70-318	N70-318	N70-318
Bayonet catch (Tubecover)			N70-178	N70-178	N70-178
Beam shaping unit (alt 92-247)	N115-440 (alt 92-247)	N115-440 (alt 92-247)	N115-440 (alt 92-247)	N115-440 (alt 92-247)	N115-440 (alt 92-247)
Handle for beam shapir	N32-144	N32-144	N32-144	N32-144	N32-144
Iris	N92-131	N92-131	N92-131	N92-131	N92-131
Goboholder (opt.) (alt 25-701)	N215-910 (alt 25-701)	N215-910 (alt 25-701)	N215-910 (alt 25-701)	N215-910 (alt 25-701)	N215-910 (alt 25-701)
Knurled-head screw	N70-326	N70-326	N70-326	N70-326	N70-326
Intermediate lens (Lamphouse) (85mm)	N72-140 (85mm)	N82-727 (100mm)	N82-727 (100mm)	N82-727 (100mm)	N82-727 (100mm)
Lensholder		N92-726	N92-726	N92-726	N92-726
Linsenflanschkopfschr.	N70-540	N70-540	N70-540	N70-540	N70-540
Condensorlens (59 alt N13-631)	N70-756 (59 alt N13-631)	N70-756 (59mm)	N70-756 (59mm)	N130-706 (68 alt N27-202)	N130-706 (68 alt N27-202)
Threepoint holder for condensorlens	N73-289 +N73-297	N73-289 +N73-297	N73-289 +N73-297	N73-346 +N84-799	N73-346 +N84-799
Lensholder only for holder	N92-718 (only holder)	N92-718 (only holder)	N92-718 (only holder)	N92-718 (only holder)	N92-718 (only holder)
Lampholder GX9,5	N16-164	N16-164	N107-418	N107-418	N107-418
Mirror (60mm)	N27-260 (60mm)	N27-260 (60mm)	N27-260 (60mm)	N27-260 (60mm)	N114-033 (68mm)
Lensholder / Mirrorholder		N92-726	N92-726	N92-726	N92-726
Threepoint holder for mirror	N87-925 +N87-933	N87-925 +N87-933	N87-925 +N87-933	N87-925 +N87-933	N84-799 (2x)

