

Overview

- One **HR 510**

HR 510

Portable electronic handwheel with:

- Keys for actual-position capture and the selection of five axes
- Keys for traverse direction and three preset feed rates
- Three keys for machine functions (see below)
- Emergency stop button and two permissive buttons (24 V)
- Magnetic holding pads

All keys are designed as snap-on keys and can be replaced by keys with other symbols (see overview for HR 510 in *Snap-on keys for handwheels*).

	Keys	Without detent	With detent
HR 510	NC start/stop, spindle start (for basic PLC program)	ID 1119971-xx	ID 1120313-xx
	FCT A, FCT B, FCT C	ID 1099897-xx	–
	Spindle right/left/stop	ID 1184691-xx	–
HR 510 FS	NC start/stop, spindle start (for basic PLC program)	ID 1120311-xx	ID 1161281-xx
	FCT A, FCT B, FCT C	–	ID 1120314-xx
	Spindle start, FCT B, NC start	–	ID 1119974-xx

Mass ≈ 0.6 kg



HR 510

Overview for HR 510 and HR 510 FS

Axis keys Orange		ID 1092562-02		ID 1092562-05		ID 1092562-36		ID 1092562-08
		ID 1092562-03		ID 1092562-06		ID 1092562-09		
		ID 1092562-04		ID 1092562-07		ID 1092562-37		
Gray		ID 1092562-28		ID 1092562-31		ID 1092562-24		ID 1092562-27
		ID 1092562-29		ID 1092562-32		ID 1092562-25		
		ID 1092562-30		ID 1092562-33		ID 1092562-26		
Machine functions		Black ID 1092562-14		Black ID 1092562-15		Black ID 1092562-16		ID 1092562-42
		ID 1092562-43		ID 1092562-44				
Spindle functions		ID 1092562-18		ID 1092562-19		Green ID 1092562-22		Red ID 1092562-17
		Red ID 1092562-38		ID 1092562-41				
Other keys		Black ID 1092562-01		Green ID 1092562-23		ID 1092562-13		ID 1092562-35
		Green ID 1092562-20		ID 1092562-11		Black ID 1092562-10		Gray ID 1092562-39
		Red ID 1092562-21		ID 1092562-12		ID 1092562-34		Orange ID 1092562-40

Snap-on keys for controls

Snap-on keys

The snap-on keys make it easy to replace the key symbols. In this way, the keyboard can be adapted to different requirements. The snap-on keys are available in packs of five keys.

Overview of control keys

Keys
Orange

	ID 679843-31		ID 679843-54		ID 679843-C8		ID 679843-D4
	ID 679843-32		ID 679843-55		ID 679843-C9		
	ID 679843-53		ID 679843-88		ID 679843-D3		

Gray

	ID 679843-03		ID 679843-13		ID 679843-93		ID 679843-B9
	ID 679843-04		ID 679843-14		ID 679843-94		ID 679843-C1
	ID 679843-05		ID 679843-43		ID 679843-B1		ID 679843-C2
	ID 679843-06		ID 679843-44		ID 679843-B2		ID 679843-C3
	ID 679843-07		ID 679843-67		ID 679843-B3		ID 679843-C4
	ID 679843-08		ID 679843-68		ID 679843-B4		ID 679843-C5
	ID 679843-09		ID 679843-69		ID 679843-B5		ID 679843-D9
	ID 679843-10		ID 679843-70		ID 679843-B6		ID 679843-E1
	ID 679843-11		ID 679843-91		ID 679843-B7		
	ID 679843-12		ID 679843-92		ID 679843-B8		

Machine
functions

	ID 679843-01		ID 679843-30		ID 679843-74		ID 679843-C6
	ID 679843-02		ID 679843-40		ID 679843-76		Black ID 679843-C7
	ID 679843-16		Green ID 679843-56		Black ID 679843-95		SPEC FCT ID 679843-D6
	ID 679843-22		Red ID 679843-57		Black ID 679843-96		ID 679843-E3
	ID 679843-23		+		Black ID 679843-A1		FCT R6 ID 679843-E4
	ID 679843-24		-		FN 4 ID 679843-A2		ID 679843-E6
	ID 679843-25		ID 679843-61		FN 5 ID 679843-A3		ID 679843-E7
	ID 679843-26		ID 679843-62		ID 679843-A4		ID 679843-E8
	ID 679843-27		FCT		ID 679843-A5		
	ID 679843-28		ID 679843-64		ID 679843-A6		
	ID 679843-29		ID 679843-73		ID 679843-A9		

Spindle functions

	ID 679843-18		ID 679843-47		Red ID 679843-52		ID 679843-99
	ID 679843-19		ID 679843-48		ID 679843-65		Green ID 679843-D8
	ID 679843-20		ID 679843-49		Green ID 679843-71		ID 679843-F3
	ID 679843-21		ID 679843-50		ID 679843-72		
	ID 679843-46		ID 679843-51		Red ID 679843-89		

Other keys

	ID 679843-15		ID 679843-39		ID 679843-97		Black ID 679843-E2
	ID 679843-17		ID 679843-41		ID 679843-98		ID 679843-E5
	Gray ID 679843-33		ID 679843-42		ID 679843-A7		ID 679843-F2
	Black ID 679843-34		Red ID 679843-45		ID 679843-A8		ID 679843-F4
	Orange ID 679843-35		ID 679843-58		Black ID 679843-D1		ID 679843-F5
	ID 679843-36		ID 679843-66		Black ID 679843-D2		ID 679843-F6
	ID 679843-37		ID 679843-75		ID 679843-D5		
	ID 679843-38		Green ID 679843-90		Red ID 679843-D7		

Special keys

Snap-on keys can also be made with special key symbols for special applications. The laser labeling differs in appearance from the labeling of the standard keys. If you need keys for special applications, please consult your contact person at HEIDENHAIN.