

Model options

Model #	Description	Rotary hammer tool body EY7881	28.8V Li-Ion battery pack EY9L84	Universal charger EY0L82	Dust collection system (DCS) EY9X400E	Chisel adaptor EY9HX402E	Systainer case TOOLBOX4RH
EY7881PC2V	Complete kit with DCS	x 1	x 2	x 1	x 1	x 1	x 1
EY7881PC2S	Complete kit without DCS	x 1	x 2	x 1		x 1	x 1
EY7881XVT	Body only with DCS	x 1			x 1		x 1
EY7881XT	Body only without DCS	x 1					x 1
EY7881X	Body only	x 1					

Tool specification

Voltage	28.8V				
Battery capacity	Li-Ion 3.4Ah				
Charging time	60-minute quick charging (up to approx. 80% capacity) + 30-minute cell-protection trickle charge mode for full charge				
Drill chuck	SDS-Plus Single hand load-quick lock type				
Speed at no load, blows and joule by mode selection	Mode	Indication	Speed/min.	Blows/min.	Joule (approx.)
	High	Three LEDs (H/M/L) lit.	0-840 min ⁻¹	0-4,400	3.3
	Medium	Two LEDs (M/L) lit.	0-680 min ⁻¹	0-3,600	2.3
	Low	One LED (L) lit.	0-560 min ⁻¹	0-2,950	1.4
Dimension and weight	with battery pack and full-extended DCS : 507 x 241 x 92 mm / 4.8 Kg with battery pack , without DCS : 368 x 237 x 92 mm / 3.9 Kg				
Vibration	Three-axis composite value : Main grip 9.9m/s ² Side handle 11.4m/s ² (according to EN60745-2-6)				

Drilling capacity reference (Number of holes may differ by hole size, drill bit condition and material hardness)

Material	Mode	Hole size	Number of holes : approx.
Concrete 2.4kN/cm ²	High with DCS	ø8mm x100mm	30
	High with DCS	ø12.5mm x 40mm	120
	High with DCS	ø12.5mm x 40mm with t=1.6mm metal plate	45
	High with DCS	ø18mm x70mm	35
	High without DCS	ø28mm x 155mm	2
Yellow pine	High without DCS	ø30mm x 120mm	40
Siding panel	High without DCS	ø160mm x 16mm by core hole saw	55

Dust collection system (DCS) specification

Weight	0.9 Kg
Applicable drill bit size	Dia. : 5 - 18mm Overall length : 110 - 170mm (50 - 110mm excluding shank length)
Drilling distance adjustment	Overall stroke : 95mm Max. distance : 75mm
Drill bit tip alignment	Max. distance : 75mm
Suction power	250 L / min.
Dust box capacity	approx. 270ml (equivalent to concrete dust volume of ø10mm x depth 40mm x 30 holes)
Dust filter	High efficiency filter for concrete dust
Filter life	approx. 100 dust box fills

Replacement consumable accessories

	Dust sealing cap WEY7881K3187
	Dust filter box block WEY7881K3037
	Dust filter WEY7881L0247

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Exceptional power, durability and handling !

Proven serial concrete drilling performance for professionals



With
Systainer

TOUGH TOOL IP™

Dynamic power and technology with advanced ergonomics

Ensures efficiency, durability and comfort for the tough demands of professionals

NEW FEATURES – Brushless motor, increased power and dust collection

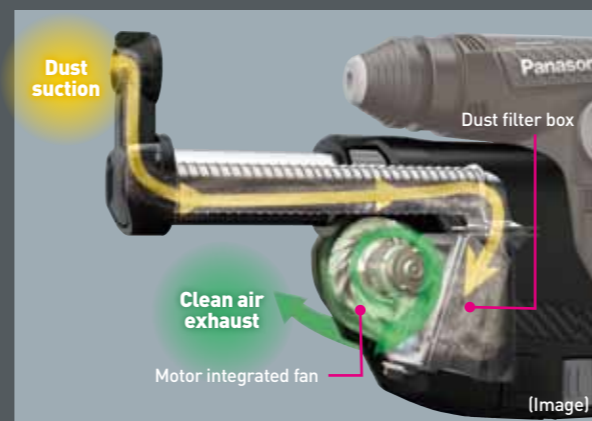
Enhanced power and durability with heavy-duty brushless motor

- 1.5 times stronger power : 3.3 Joule - faster and smoother drilling (vs previous model EY7880)
- Double lifetime motor and switch (vs previous model EY7880)
- Maximum concrete drilling $\phi 28\text{mm}$ (with Dust collection system, max. 18mm)
- Increased battery energy capacity 98Wh (28.8V x 3.4Ah=approx. 98Wh / reference : conventional 18V x 5Ah=90Wh)



Combination of large brushless motor and long distance hammer stroke generates high blowing power.

Serial drilling to make 35 holes of $\phi 18 \times 70\text{mm}$ from one full charge.



Powerful suction even downwards



Heavy-duty bristle brush dust sealing



Easy use with one hand (Detach, empty, reattach)

Compact, yet powerful dust collection system (DCS)

- Advanced suction air flow design - compact yet powerful unit
- Heavy-duty dust sealing cap - minimize air-gap with various size bit
- Remaining dust collection run-on timer
- High efficiency filter for concrete dust
- Dust box capacity 270 ml for serial use (equivalent to concrete dust of $\phi 10\text{mm} \times 40\text{mm} \times 30$ holes)

Advanced ergonomics for serial use

Easy and comfortable drilling management

- Low vibration : Main grip 9.9m/s² - less fatigue in serial drilling
- In-line grip design - Efficient pressure delivery to drill bit



New damper system (Patent pending) Achieved the combination of solid pressure delivery and less vibration.



28.8V power in compact and light weight body

- Easy handling even overhead - 4.8Kg with DCS, 3.9Kg without DCS
- Advanced integrated design of main body and DCS for total compact design

Additional features



EY9HX402E

Chiselling with adaptor (standard accessory in the complete kit)



Siding panel drilling with core hole saw ($\phi 160 \times 16\text{mm}$)



Hammering mode selection according to material hardness

Mode	rpm/min.	bpm/min.	Joule (approx.)
High	0-840	0-4,400	3.3
Medium	0-680	0-3,600	2.3
Low	0-560	0-2,950	1.4



LED light in main body (not available to use when DCS is fitted)



Shoulder strap to allow hands free on ladders etc. (optional accessory / WEY7880L3417)